STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING FORM 3 AMENDED REPORT													
APPLICATION FOR PERMIT TO DRILL								1. WELL NAME an	1. WELL NAME and NUMBER RW 44-25B				
2. TYPE	OF WORK	DRILL NEW WEL	.L 📵 REE	ENTER P8	A WELL DEEPI	EN WELL			3. FIELD OR WILL	OCAT RED W	ASH		
4. TYPE	OF WELL								5. UNIT or COMM			EMENT	NAME
6. NAME	OF OPERAT		Gas Well		ed Methane Well: NO				7. OPERATOR PHO				
8. ADDR	ESS OF OPER	RATOR	QEP	ENERGY	COMPANY				303 308-3068 9. OPERATOR E-MAIL				
10 MTNI	RAL LEASE		11002 East 17	'500 Sou	th, Vernal, Ut, 84078	EDCUTD	•		debbie.stanberry@questar.com 12. SURFACE OWNERSHIP				
	L, INDIAN,					DIAN 🛑	STATE	FEE		NDIAN	STATE	C F	EE 🗍
13. NAM	E OF SURFA	CE OWNER (if be	ox 12 = 'fee')					14. SURFACE OW	NER PHON	E (if box :	12 = 'fe	e')
15. ADDI	RESS OF SUF	RFACE OWNER (if box 12 = '	fee')					16. SURFACE OW	NER E-MAI	L (if box	12 = 'fe	e')
17. INDI	AN ALLOTTE	E OR TRIBE NA	ME		18. INTEND TO COM		LE PRODUC	TION FROM	19. SLANT				
(if box 1	2 = 'INDIAN	l')			YES (Submit (gling Applica	tion) NO 📵	VERTICAL D	IRECTIONA	. 🔘 н	ORIZON	ΓAL 🛑
20. LOC	ATION OF W	/ELL		FO	OTAGES	Q1	FR-QTR	SECTION	TOWNSHIP	RA	NGE	MER	RIDIAN
LOCATI	ON AT SURF	ACE		645 F	SL 813 FEL		SESE	25	7.0 S	23.	0 E		S
Top of L	Jppermost P	roducing Zone		645 F	SL 813 FEL		SESE	25	7.0 S	23.	0 E		S
At Total	Depth			645 F	SL 813 FEL		SESE	25	7.0 S	23.	.0 E S		S
21. COUI	YTY	UINTAH			22. DISTANCE TO N		T LEASE LIF	NE (Feet)	23. NUMBER OF A	CRES IN D		UNIT	
		021117111				IEARES	ST WELL IN SAME POOL 26 PROPOSED DEPTH						
					(Applied For Drillin	12	250		MD	MD: 10294 TVD: 10294			
27. ELEV	ATION - GR	5550			28. BOND NUMBER		000024	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE A-36125/ 49-2153				ICABLE	
					Hole, Casing,			formation					
String	Hole Size	Casing Size	Length	Weigl	ht Grade & Threa	ad M	ax Mud W	t.	Cement				Weight
SURF	12.25	9.625	0 - 3369	36.0	N-80 LT&C		0.0	Hallibu	ton Light , Type Un	known	440	3.12	11.0
									n Premium , Type I		180	1.47	13.5
PROD	7.875	4.5	0 - 10294	11.6	HCP-110 LT&	.C	10.5		ton Light , Type Ur		650	3.18	11.0
							Halliburto	rton Premium , Type Unknown 530 1.65				13.5	
					A	TTACH	IMENTS						
	VERIFY	THE FOLLOW	ING ARE A	ттасн	ED IN ACCORDAN	ICE W	ITH THE U	TAH OIL AND	GAS CONSERVAT	ION GEN	ERAL RI	JLES	
WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						R	COMPLETE DRILLING PLAN						
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						№ ТОР	OGRAPHICAL M	АР					
NAME Valyn Davis TITLE Regulatory Affairs Analys						Analyst	PHONE 435 781-4369						
SIGNATURE DAT					ITE 06/28/2011 EMAIL Valyn.Davis@qepres.com								
API NUMBER ASSIGNED APPROVAL 43047517190000							Broogfill						
							Permit Manager						

ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY RW 44-25B

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1 Approval of Operations on Onshore Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated top of important geologic markers are as follows:

<u>Formation</u>	Depth, TVD & MD
Green River	2,554'
Mahogany	3,319'
Wasatch	5,804'
Mesaverde	7,784
Sego	10,194'
TD	10,294'

2. Anticipated Depths of Oil, Gas, Water, and Other Mineral Bearing Zones

The estimated depths at which the top of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered as follows:

Substance	<u>Formation</u>	Depth, TVD & MD
Oil	Green River	2,554'
Gas	Wasatch	5,804'
Gas	Mesaverde	7,784'
Gas	Sego	10,194'

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right A36125

ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY RW 44-25B

(which was filed on May 7, 1964) or Red Wash water right #49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. Operator's Specification for Pressure Control Equipment

- A. An 11" 5000 psi double ram with blind rams and pipe rams, annular preventer and drilling spool or BOP with 2 side outlets.
- B. All BOP connections subject to pressure shall be flanged, welded or clamped.
- C. Kill line (2" min), 2 choke line valves (3" min), choke line (3" min), 2 kill line valves (2" min) and a check valve, 2 chokes with one remotely controlled from rig floor and a pressure gauge on choke manifold.
- D. Upper and Lower Kelly cock valves with handles and safety valve and subs to fit all drill string connections.
- E. IBOP or float sub available.
- F. Fill up line must be installed above the uppermost preventer.
- G. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

4. Casing Design:

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.	Expected MW(ppg)
17 ½"	14"	Sfc	60'	Steel	Conductor	None	Used	N/A
12-1/4"	9-5/8"	Sfc	3,369'	36#	N-80	LTC	New	Air
7 7/8"	4-1/2"	Sfc	10,294	11.6#	HCP-110	LTC	New	10.5

ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY RW 44-25B

	Casing	g Strengths:	Collapse	Burst	Tensile (min)	
9-5/8"	36#	N-80	LTC	2,370 psi	5,120 psi	820,000 lb.
4 1/2"	11.6#	HCP-110	LTC	8,830 psi	10,710 psi	279,000 lb.

Casing Design Factors

*The casing prescribed above meets or exceeds the below listed design factors.

Burst: 1.2 Collapse: 1.2 Tension: 1.6

Maximum anticipated mud weight:

Maximum anticipated surface treating pressure:

10.5 ppg 7,200 psi

5. <u>Cementing Program</u>

9-5/8" Surface Casing:

Lead Slurry: Surface (TOC) – 2,869°. 440 sks (1348 ft³) Halliburton Extendacem, 1 pps Granulite TR 1/4, 0.125 pps Poly-E-Flake, Slurry Weight 11.0 ppg, 3.12 ft³/sk, 50% XS in open hole only.

Tail Slurry: 2,869' – 3,369'. 180 sx (252 ft³) Halliburton Econocem, 0.2% HR-5 Retarder, 1.0 pps Granulite TR 1/4, 0.125 pps Poly-E-Flake, Slurry Weight 13.5 ppg, 1.47 ft³/sk, 50% XS in open hole.

4-1/2" Production Casing*:

Lead Slurry: 3,000' (TOC) – 7,784'. 650 sks (2067 ft³) Halliburton Extendacem, 1 pps Granulite 1/4, 0.125 pps Poly–E–Flake. Slurry Weight 11.0 lb/gal, 3.18 ft³/sk, 50% excess over gauge in open hole only.

Tail Slurry: 7,784' – **10,294'**. 530 sks (861 ft³), Halliburton Expandacem, 0.3% Super CBL (Expander), 0.6% HR-800 (Retarder), 1 pps Granulite TR ¼, 0.125 pps Poly-E-Flake (LCM). Slurry Weight 13.5 lb/gal, 1.65 ft³/sk, 50% excess over gauge hole.

6. Auxiliary Equipment

A. Kelly Cock – yes

^{*}Final cement volumes to be calculated from caliper log.

ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY RW 44-25B

- B. Float at the bit Yes
- C. Monitoring equipment on the mud system PVT/Flow Show
- D. Full opening safety valve on the rig floor Yes
- E. Rotating Head Yes
- F. Request for Variance:

Drilling surface hole with air:

A variance from 43 CFR 3160 Onshore Oil and Gas Order #2, Section III Requirements, subsection E. Special Drilling Operations is requested for the specific operation of drilling and setting surface casing on the subject well with a truck mounted air rig. The variance from the following requirements of Order #2 is requested because surface casing depth for this well is 3,369' feet and high pressures are not expected.

- 1. **Properly lubricated and maintained rotating head** A diverter system in place of a rotating head. The diverter system forces the air and cutting returns to the reserve pit and is used to drill the surface casing.
- 2. Blooie line discharge 100 feet from wellbore and securely anchored the blooie line discharge for this operation will be located 50 to 70 feet from the wellhead. This reduced length is necessary due to the smaller location size to minimize surface disturbance.
- 3. Automatic igniter or continuous pilot light on blooie line—a diffuser will be used rather than an automatic pilot/igniter. Water is injected into the compressed air and eliminates the need for a pilot light and the need for dust suppression equipment.
- 4. Compressors located in the opposite direction from the blooie line a minimum of 100 feet from the wellbore compressors located within 50 feet on the opposite side of the wellbore from the blooie line and is equipped with a 1) emergency kill switch on the driller's console, 2) pressure relief valves on the compressors, 3) spark arrestors on the motors.
- G. Drilling below the 9-5/8" casing will be done with water based mud. Maximum anticipated mud weight is 10.5 ppg.
- H. No minimum quantity of weight material will be required to be kept on location.
- I. Gas detector will be used from intermediate casing depth to TD.

ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY RW 44-25B

7. Testing, logging and coring program

- A. Cores none.
- B. DST none anticipated
- C. Logging Mud logging Intermediate Casing to TD OH Logs: GR-SP-Induction, Neutron Density.
- D. Formation and Completion Interval:
 Stimulation will be designed for the particular area of interest as encountered.

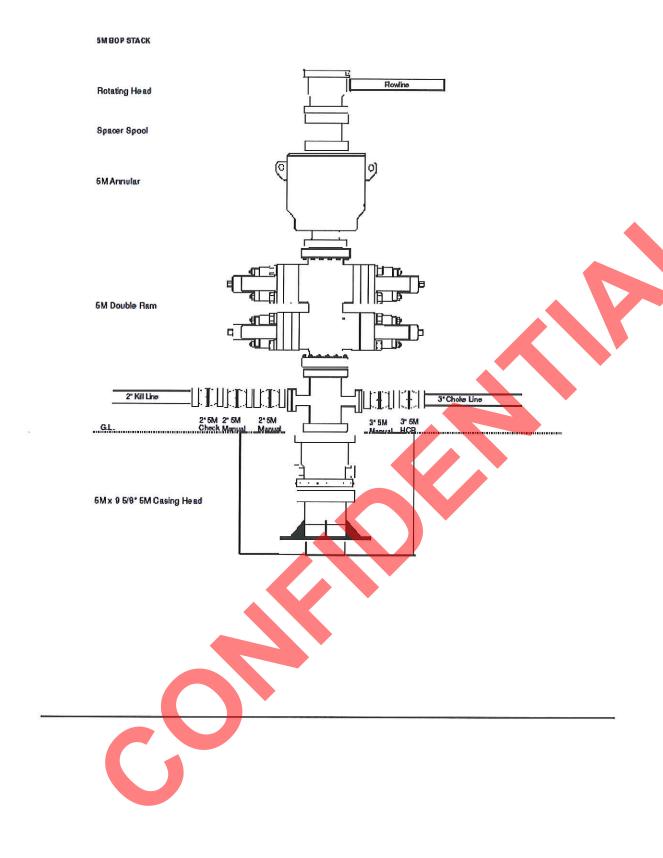
8. <u>Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards</u>

No abnormal temperatures or pressures are anticipated. Maximum anticipated bottom hole pressure equals approximately 5,621 psi. Maximum anticipated bottom hole temperature is 205° F.

H2S has not been encountered in other wells drilled to similar depths in the general area.

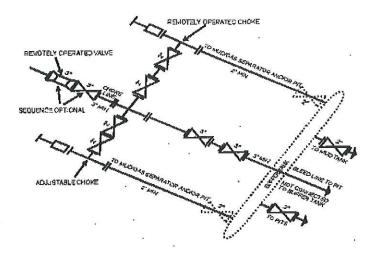


ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY RW 44-25B



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ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY RW 44-25B



5M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

Although set required for any of the choke manifold systems, buffer tanks are accordings installed drawnteness of the choke assemblies for the purpose of gazafielding the bleed lines together. When buffer tanks are employed, valves shall be installed upperson to include a feiture or malfunction without interrupting flow control. Though and shown on 264, 384, 1084, OR 1574 drawings, it would also be applicable to those solutions.

[54 FR 39528, Sept. 27, 1989]



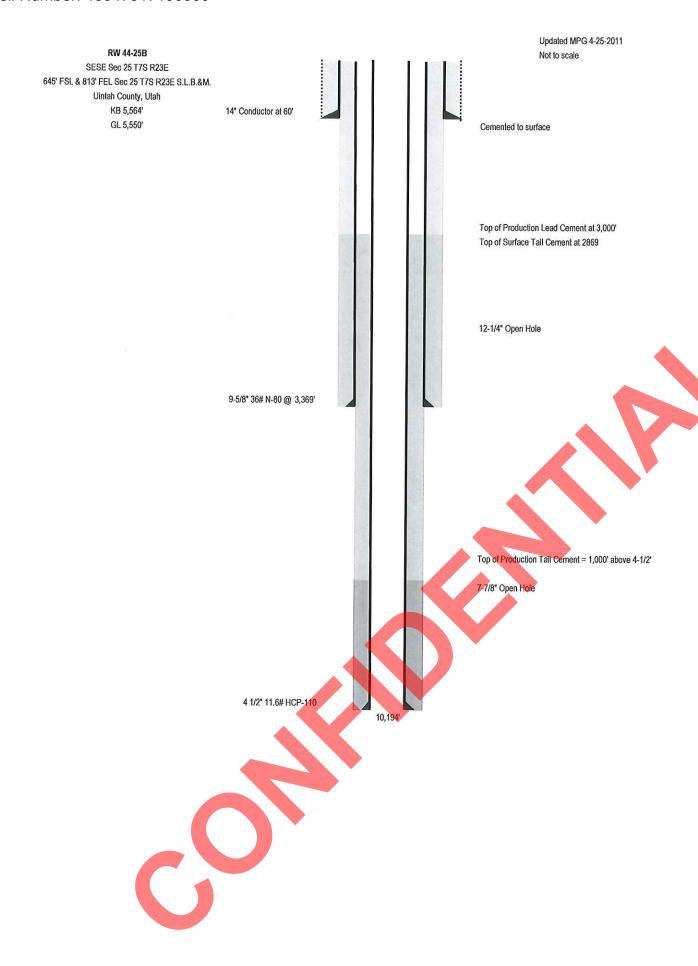
Page 7 of 7

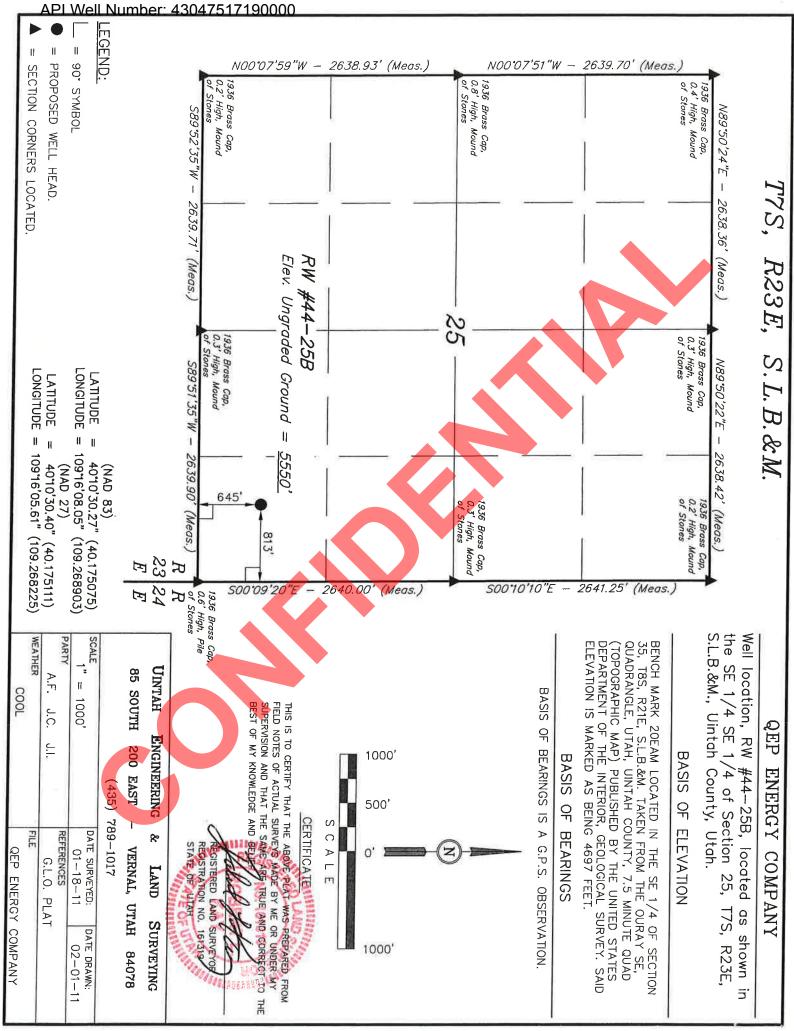
QEP Energy Company RW 44-25B

Summarized Drilling Procedure

- 1. Construct location per plat.
- 2. MIRU air drilling rig.
- 3. Pre-set conductor.
- 4. Nipple up diverter system.
- 5. Drill 12-1/4" hole to 3,369' with air/mist.
- 6. RIH with 9-5/8" 36# N-80 casing and cement same per program.
- 7. RDMO air drilling rig.
- 8. MIRU conventional drilling rig.
- 9. NU and test 5M BOPE.
- 10. Drill out of 9-5/8" shoe and down to 10,294' using conventional mud systems.
- 11. Log well. Triple or Quad-Combo (GR, NEU/DEN, IND, RES, SON)
- 12. RIH with 4-1/2" 11.6# HCP-110 casing and cement same per program.
- 13. Pressure test casing.
- 14. ND BOP's and NU remainder of wellhead. Set BPV.
- 15. RDMO.







QEP ENERGY COMPANY

RW #44-25B

LOCATED IN UINTAH COUNTY, UTAH SECTION 25, T7S, R23E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



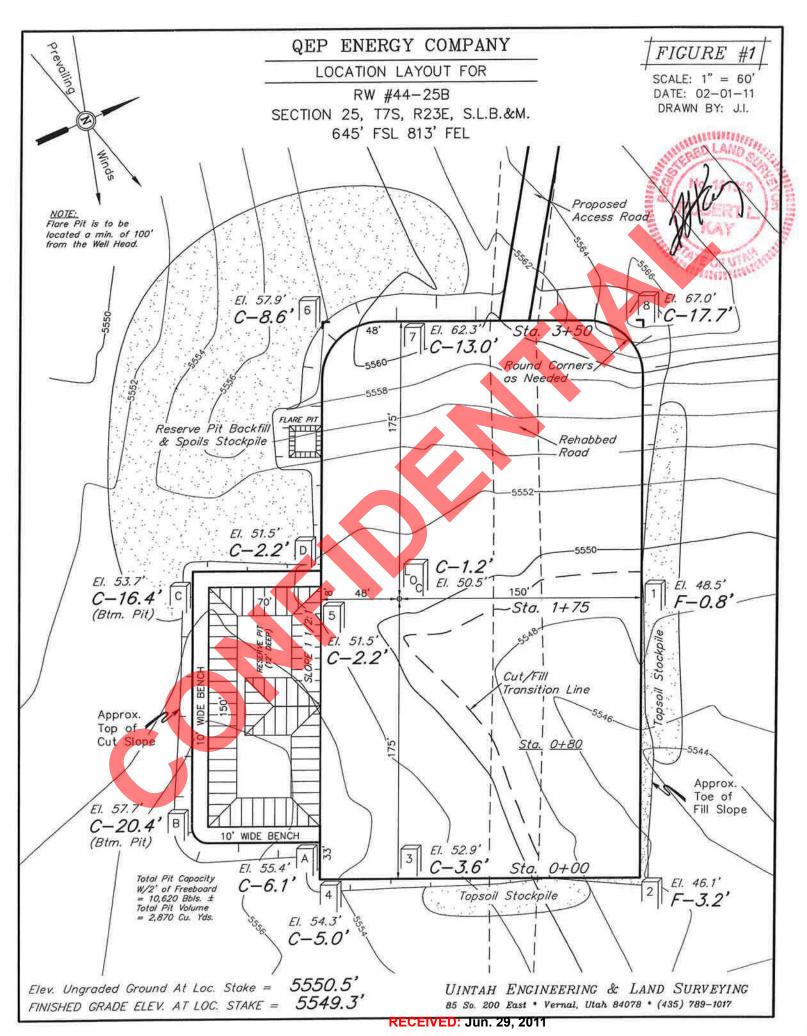
PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

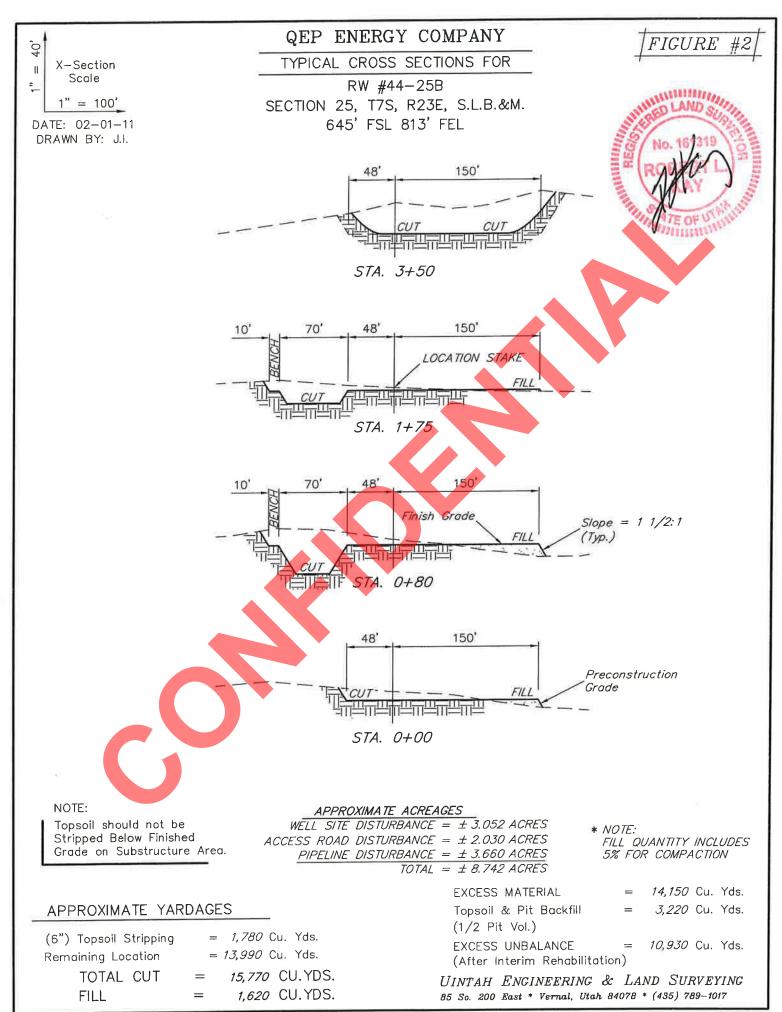
CAMERA ANGLE: SOUTHEASTERLY

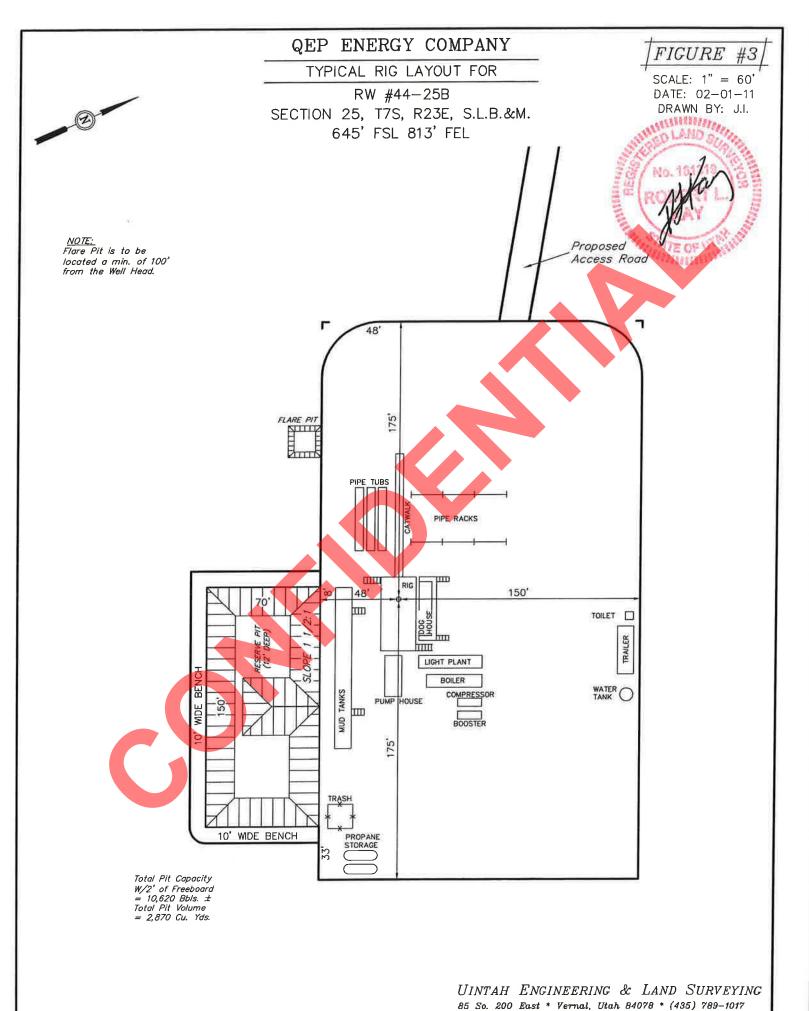


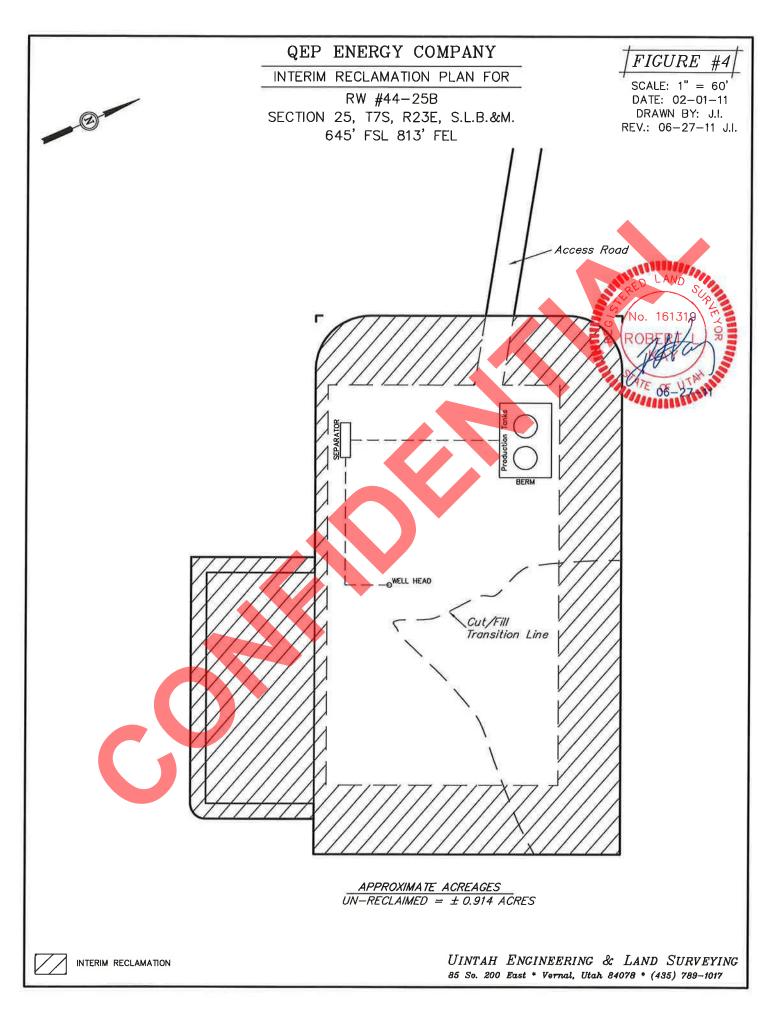
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 (435) 789-1017 * FAX (435) 789-1813

LOCATION	PHOTOS	O1 MONTH	21 DAY	11 YEAR	РНОТО	
TAKEN BY: A.F.	DRAWN BY: J.J	. REV	ISED: (00-00-00		





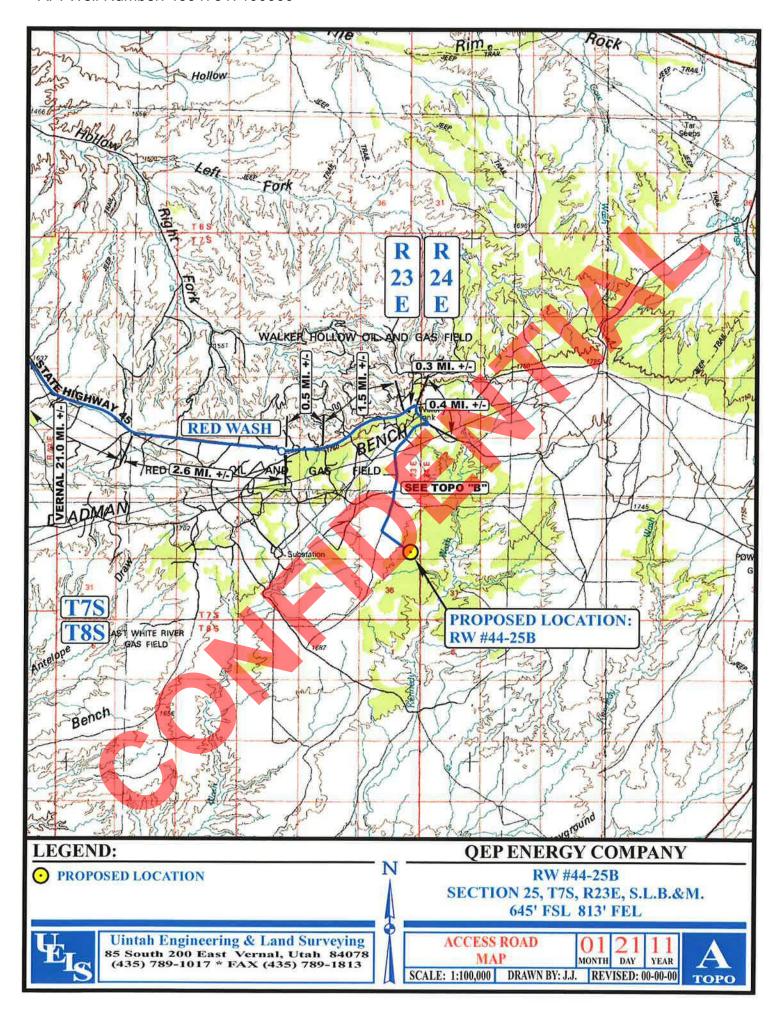


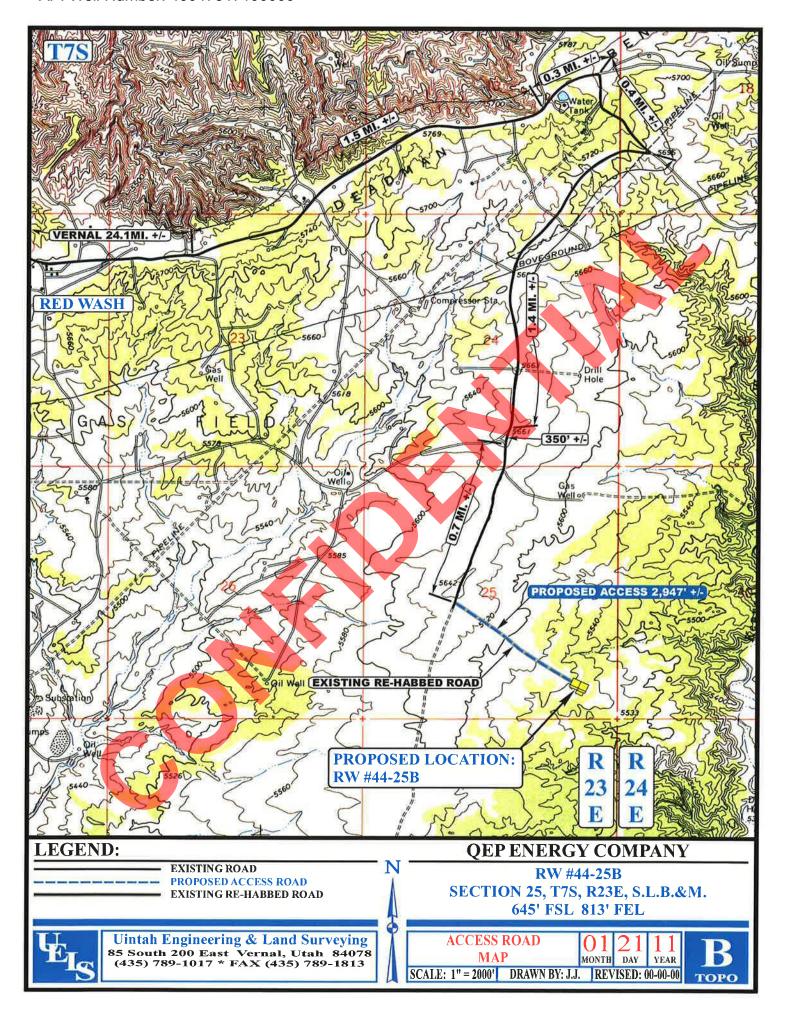


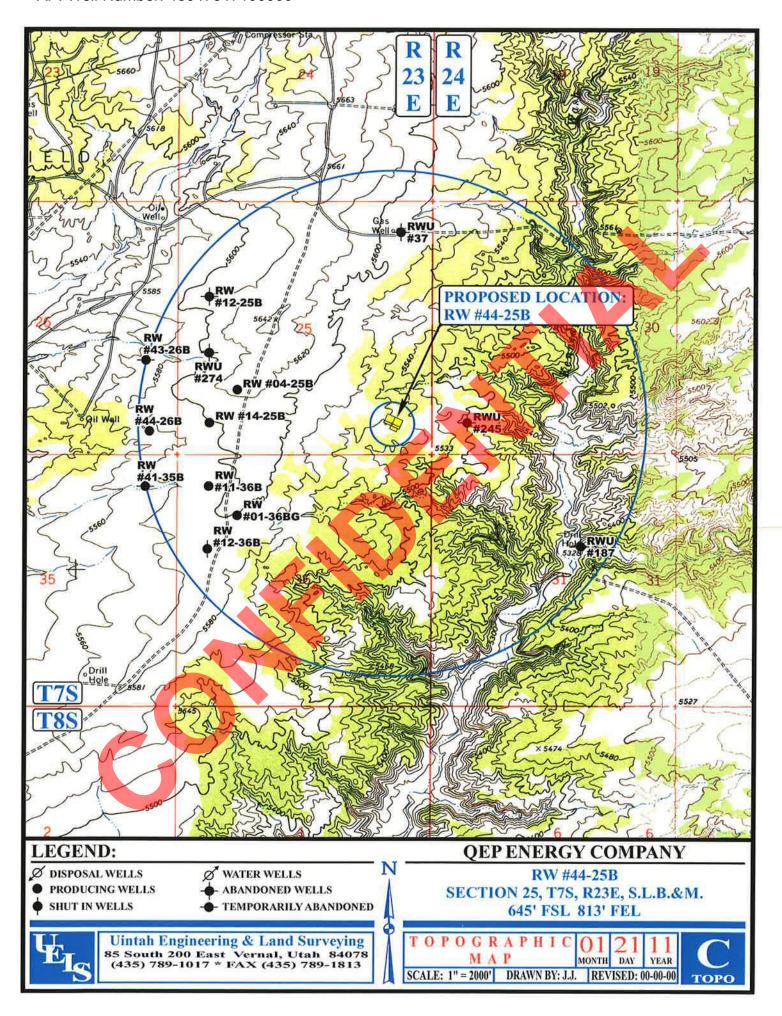
QEP ENERGY COMPANY RW #44-25B SECTION 25, T7S, R23E, S.L.B.&M.

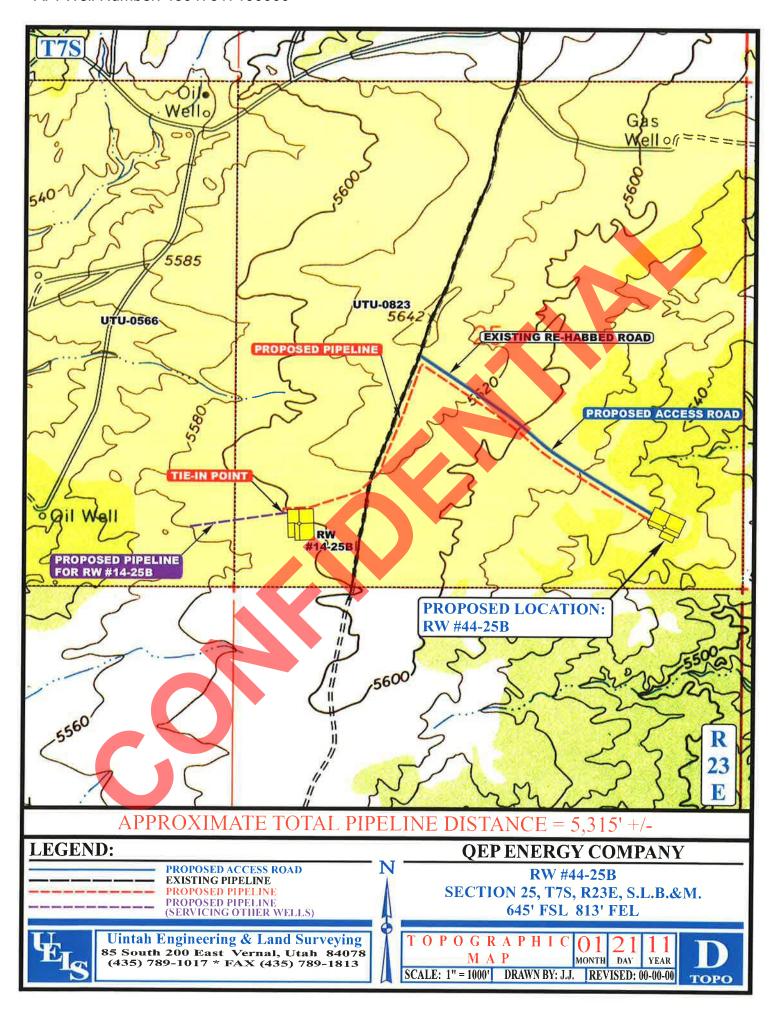
PROCEED IN AN EASTERLY, THEN SOUTHERLY DIRECTION FROM VERNAL. UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 2.6 MILES TO RED WASH, UTAH; PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST: TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST: TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRCTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 350' TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST: TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 2,947' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 29.0 MILES.









Additional Operator Remarks

QEP Energy Company proposes drill a vertical gas well to a depth of 10,294' to test the Mesa Verde Formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

Please see Onshore Order No. 1.

Please refer to QEP Energy Company Greater Deadman Bench EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

Please be advised that QEP Energy Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP Energy Company via surety as consent as provided for the 43 CFR 3104.2.



QEP ENERGY COMPANY
RW 44-25B
645' FSL 813' FEL
SESE SECTION 25, T7S, R23E
UINTAH COUNTY, UTAH
LEASE # UTU-0823

ONSHORE ORDER NO. 1 MULTI – POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the RW 44-25B on June 8, 2011. Weather conditions were sunny at the time of the onsite. In attendance at the inspection were the following individuals:

Kevin Sadlier

Aaron Roe

Holly Villa

Daniel Emmett

Melissa Wardle

Bureau of Land Management

Stephanie Tomkinson Valyn Davis

QEP Energy Company
QEP Energy Company

Andy Floyd

Uintah Engineering & Land Surveying

1. Existing Roads:

The proposed well site is approximately 29 miles South of Vernal, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 - mile radius.

All existing roads will be maintained and kept in good repair during all phases of operation.

2. Planned Access Roads:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

There will be a new access road approximately 2,947' in length, containing approximately 2.03 acres. The access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30'. Any additional disturbance required due to intersections or sharp curves will be discussed at the on-site and approved by the BLM/VFO AO. Graveling or capping the roadbed will be performed as necessary to provide a well constructed safe road. Should conditions warrant, rock, gravel or culverts will be installed as needed. Surface disturbance and vehicular traffic will be limited to the approved location and access route or, as proposed by the Operator.

Access roads and surface disturbing activities will conform to standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and gas Exploration and Development, Fourth Edition 2006. The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing and will be maintained according to original construction standards. The access road disturbed area will be kept free of trash during operations. All traffic will be confined to the approved road running surface. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause excess siltation or accumulation of debris in the drainage nor shall the drainage be blocked by the roadbed. If culverts are needed, the location and size of the culverts will be proposed during the on-site. The operator will clean and maintain approved culverts as needed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, the holes shall be filled in and detours around the holes avoided. When snow is removed from the road during the winter months, the snow should be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

Refer to Topo Map B for the location of the proposed access road.

3. Location of Existing Wells Within a 1 - Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

The following guidelines will apply if the well is productive.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). These dikes will be constructed of compacted impervious subsoil; hold 110% of the capacity of the largest tank; and, be independent of the back cut. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded to meet SPCC requirements with approval by the BLM/VFO AO. The specific APD will address additional capacity if such is needed due to environmental concerns. The use of topsoil for the construction of dikes will not be allowed.

All loading lines will be placed inside the berm surrounding the tank batteries.

All permanent (on site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a color approved by the State.

It was determined on the onsite by the BLM VFO AO that the facilities will be painted Covert Green.

Refer to Topo Map D for the location of the proposed pipeline.

The proposed surface pipeline will be constructed utilizing existing disturbed areas to minimize surface disturbance. No construction activities will be allowed outside of the proposed pipeline.

Prior to construction, the Permittee will develop a plan of installation to minimize surface disturbance. Pipe will be strung along the pipeline route with either a flatbed trailer and rubber tired backhoe or a tracked typed side boom. Where surface conditions do not allow the pipe to be strung using conventional methods, the Permittee will utilize pull sections to run the fabricated pipe through the area from central staging areas along the pipeline route.

Upon completion of stringing activities the Permittee will fabricate the pipeline on wooden skids adjacent to the centerline of the pipeline route using truck mounted welding machines. All fabricated piping will be lowered off of the wooden skids and placed along the centerline. Upon completion of all activities, the wooden skids will be removed from the pipeline route using a flatbed truck or flatbed truck and trailer.

When the surface terrain prohibits the Permittee from safely installing the pipeline along the pipeline route, grading of the route will be required. Prior to installing the pipeline in these areas a plan will be developed to safely install the pipeline while minimizing grading activities and surface disturbances. Additionally, erosion control Best Management Practices will be installed as needed prior to the start of any grading activities. Surface grading will be limited to what is needed to safely install the pipeline. Track type bulldozers and track type backhoes will be utilized for grading activities.

Upon completion of the pipeline installation, the pipeline route will be restored to the pre-disturbance surface contours.

The proposed pipeline will be a surface 10" or smaller, 5,315' in length, containing 3.660 acres.

Road Crossings

Fusion Bond or concrete coated pipe will be used for all road crossings to alleviate future corrosion.

All pipe and fittings used for road crossings will be prefabricated within the proposed pipeline route to minimize the duration of open pipe trench across the roadway. Pipe used for road crossings will be isolated on each end with a flange set and insulation kit and cathodically protected with a magnesium type anode. Adequately sized equipment will be used for minor and major road crossings. Depth of cover for minor roads will be >4' and the depth of cover for major roads will be >6'.

Prior to lowering the pipe in the trench, the Permittee will "Jeep" the pipe to locate and repair any Holidays in the pipe coating. Upon lowering the pipe in the trench, 6" of bedding and a minimum of 6" of shading will be installed to protect the pipe using either native soils <1" in diameter or imported sand. Pipe trenches that extend across gravel roads will be backfilled with native soils to within 8" of the driving surface and capped with 3/4" road base. Pipe trenches that extend across asphalt paved roads will be backfilled to 4" of the driving surface with 3/4" road base and capped asphalt material.

5. Location and Type of Water Supply:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Water for drilling purposes would be obtained from Wonsits Valley Water Right # A 36125 (which was filed on May 7, 1964) or Red Wash Water Right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System.

6. Source of Construction Materials:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2-3.

7. Methods of Handling Waste Materials:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 6 months after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Unless specified in the site specific APD, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists

or surface runoff will or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

It will be determined at the on-site inspection if a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner, a minimum of 20 millimeters thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place.

No trash or scrap will be disposed of in the pit.

Reserve pit leaks are considered an undesirable event and will be orally reported to the AO.

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days.

After the 90 day period, the produced water will be contained in tanks on location and then hauled by truck to one of the following pre-approved disposal sites:

Red Wash Disposal well located in the SESE, Section 28, T7S, R23E, West End Disposal located in the NESE, Section 28, T7S, R22E,

Produced water, oil, and other byproducts will not be applied to roads or well pads for the control of dust or weeds. The dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site. The spills will be reported to the AO and other authorities as appropriate.

A chemical porta-toilet will be furnished with the drilling rig. The chemical porta-toilet wastes will be hauled to Ashley Valley Sewer and Water System for disposal.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig. All trash and waste material will be hauled to the Uintah County Landfill.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas. Specific APD's shall address any modifications from this policy.

8. Ancillary Facilities:

None anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram rig orientation, parking areas, and access roads, as well as the location of the following:

The reserve pit.

The stockpiled topsoil will not be used for facility berms. All brush removed from the well pad during construction will be stockpiled with topsoil.

The flare pit or flare box will be located downwind from the prevailing wind direction.

Any drainage that crosses the well location will be diverted around the location by using ditches, water diversion drains or berms. If deemed necessary at the on-site, erosion drains may be installed to contain sediments that could be produced from access roads and well locations.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

10. <u>Fencing Requirements</u>:

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched using a stretching device before it is attached to corner posts.

The reserve pit will be fenced on three (3) sides during drilling operations. The fourth side will be put in place when the rig moves off location. The pit will be fenced and maintained until it is backfilled. If drilling operations does not commence within 3 days, the fourth side of the fence will be installed

11. Plans for Reclamation of the Surface:

Please refer to QEP Energy Company Uinta Basin Division Reclamation Plan

Site Specific Procedures:

Site Specific Reclamation Summary:

Reclamation will follow Questar Exploration and Production Company, Uinta Basin Division's Reclamation Plan, September 2009 (Questar's Reclamation Plan) and the BLM Green River District Reclamation Guidelines.

All trash and debris will be removed from the disturbed area.

The disturbed area will be backfilled with subsoil.

Topsoil will be spread to an even, appropriate depth and disked if needed.

Water courses and drainages will be restored.

Erosion control devices will be installed where needed.

Seeding will be done in the fall, prior to ground freeze up.

Seed mix will be submitted to a BLM AO for approval prior to seeding.

Monitoring and reporting will be conducted as stated in Questar's Reclamation Plan. A sundry notice (Form 3160.5), for the Reference Site and the Weed Data Sheet will be filed at a later date.

It was determined and agreed upon that there is 6" inches of top soil.

12. Surface Ownership:

Bureau of Land Management 170 South 500 East Vernal, Utah 84078 (435) 781-4400

13. Other Information:

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted on May 9, 2011, **Moac Report**

No. 11-011 by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A Class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted on June 3, 2011 IPC # 11-23 by Stephen D. Sandau. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide Paleo monitor if needed.

Per the onsite on June 8, 2011, the following items were requested/ discussed.

There is a Ferruginous Hawk Stipulation from March 1 to August 1. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

Lessee's or Operator's Representative & Certification:

Valyn Davis Regulatory Affairs Analyst QEP Energy Company 11002 East 17500 South Vernal, UT 84078 (435) 781-4331

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

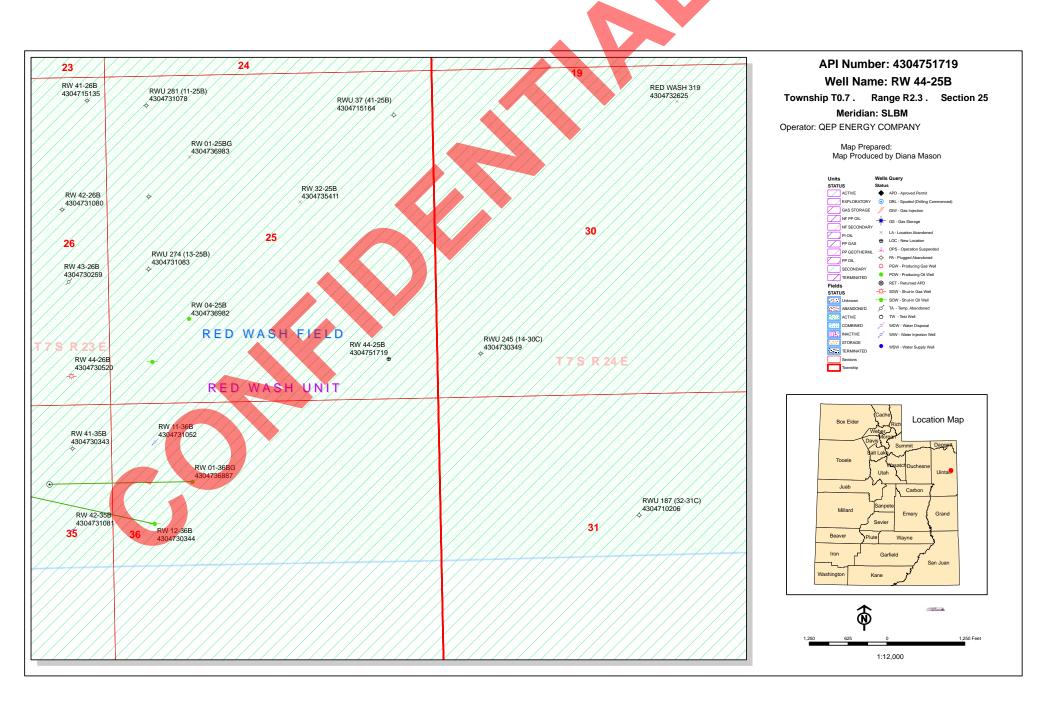
The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

QEP Energy Company is considered to be the operator of the subject well. QEP Energy Company agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104.2 for lease activities is being provided by Bond No. ESB000024

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that I have full knowledge of the State and Federal laws applicable to this operations; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Valyn Davis 6/28/2011
Date



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

June 29, 2011

Memorandum

Assistant District Manager Minerals, Vernal District To:

Michael Coulthard, Petroleum Engineer From:

2011 Plan of Development Red Wash Unit, Subject:

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2011 within the Red Wash Unit, Uintah County, Utah.

API# WELL NAME LOCATION

(Proposed PZ MESA VERDE)

43-047-51719 RW 44-25B Sec 25 T07S R23E 0645 FSL 0813 FEL 43-047-51720 RW 34-24B Sec 24 T07S R23E 0534 FSL 2126 FEL 43-047-51721 RW 43-20B Sec 20 T07S R23E 1637 FSL 0562 FEL 43-047-51722 RW 23A-28B Sec 28 T07S R23E 1097 FSL 2511 FWL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

| Digitally signed by Michael L. Coulthard
| Dix.cn-Michael L. Coulthard, o-Bureau of Land Management, ou=Branch of
| Mirenia, small-michael, Coulthardplblm.gov, c=US
| Date: 2011.06.29 14.0803 -0600

bcc: File - Red Wash Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:6-29-11

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/28/2011 **API NO. ASSIGNED:** 43047517190000

WELL NAME: RW 44-25B

OPERATOR: QEP ENERGY COMPANY (N3700) **PHONE NUMBER:** 435 781-4369

CONTACT: Valyn Davis

PROPOSED LOCATION: SESE 25 070S 230E Permit Tech Review:

SURFACE: 0645 FSL 0813 FEL Engineering Review:

BOTTOM: 0645 FSL 0813 FEL Geology Review:

COUNTY: UINTAH

LATITUDE: 40.17510

LONGITUDE: -109.26814

UTM SURF EASTINGS: 647460.00

NORTHINGS: 4448420.00

FIELD NAME: RED WASH
LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU0823 PROPOSED PRODUCING FORMATION(S): MESA VERDE

SURFACE OWNER: 1 - Federal COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

⊮ PLAT

Bond: FEDERAL - ESB000024

Potash

Oil Shale 190-5

Oil Shale 190-3

Oil Shale 190-13

Water Permit: A-36125/ 49-2153

RDCC Review:

Fee Surface Agreement

Intent to Commingle

Commingling Approved

LOCATION AND SITING:

R649-2-3.

Unit: RED WASH

R649-3-2. General

R649-3-3. Exception

Drilling Unit

Board Cause No: Cause 187-07

Effective Date: 9/18/2001

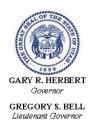
Siting: Suspends General Siting

R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason

API Well No: 43047517190000



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: RW 44-25B API Well Number: 43047517190000

Lease Number: UTU0823
Surface Owner: FEDERAL

Approval Date: 6/29/2011

Issued to:

QEP ENERGY COMPANY, 11002 East 17500 South, Vernal, Ut 84078

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 187-07. The expected producing formation or pool is the MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month

API Well No: 43047517190000

- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

For John Rogers Associate Director, Oil & Gas

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0823
SUNDF	RY NOTICES AND REPORTS C	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly d reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME: RED WASH
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: RW 44-25B		
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43047517190000		
3. ADDRESS OF OPERATOR: 11002 East 17500 South,	9. FIELD and POOL or WILDCAT: RED WASH		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0645 FSL 0813 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SESE Section: 2	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICATI	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
,	ACIDIZE [ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start: 6/29/2013	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN [FRACTURE TREAT	☐ NEW CONSTRUCTION
Bate of Work Completion.	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Nopen Suite	WILDCAT WELL DETERMINATION	OTHER	OTHER:
QEP ENERGY COMPA	COMPLETED OPERATIONS. Clearly show all ANY HEREBY REQUESTS A ONE APD ON THE ABOVE CAPTION!	YEAR EXTENSION FOR	Approved by the Utah Division of Oil, Gas and Mining Date: June 28, 2012 By:
NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBE 435 781-4369	R TITLE Regulatory Affairs Analyst	
SIGNATURE N/A	<u> </u>	DATE 6/28/2012	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047517190000

API: 43047517190000

Well Name: RW 44-25B

Location: 0645 FSL 0813 FEL QTR SESE SEC 25 TWNP 070S RNG 230E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 6/29/2011

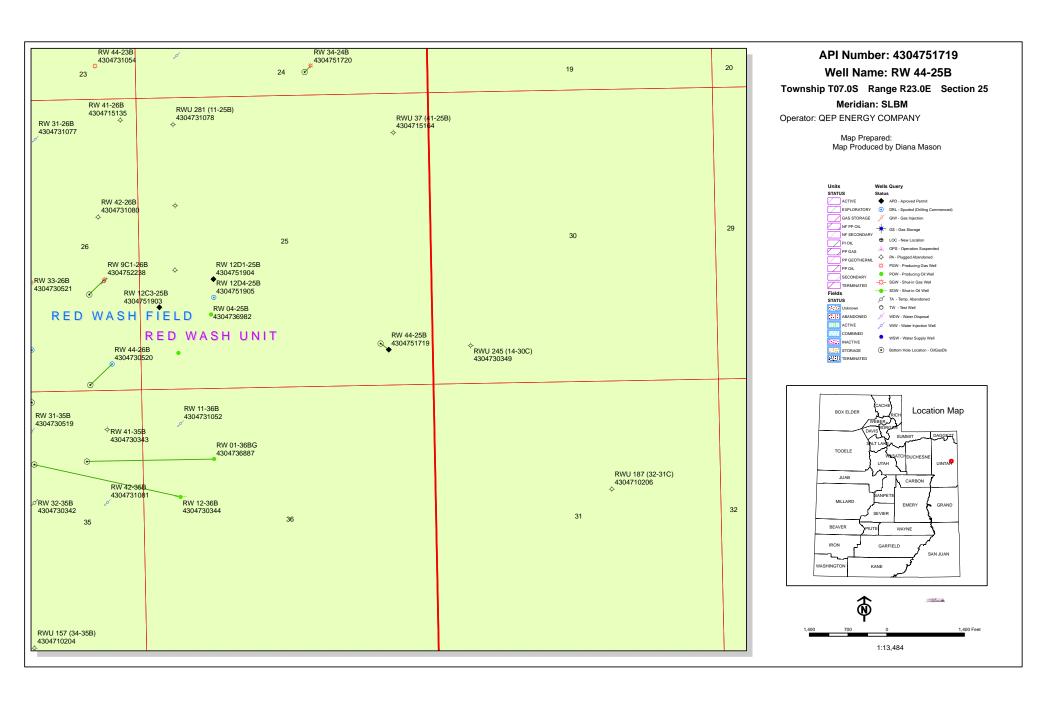
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

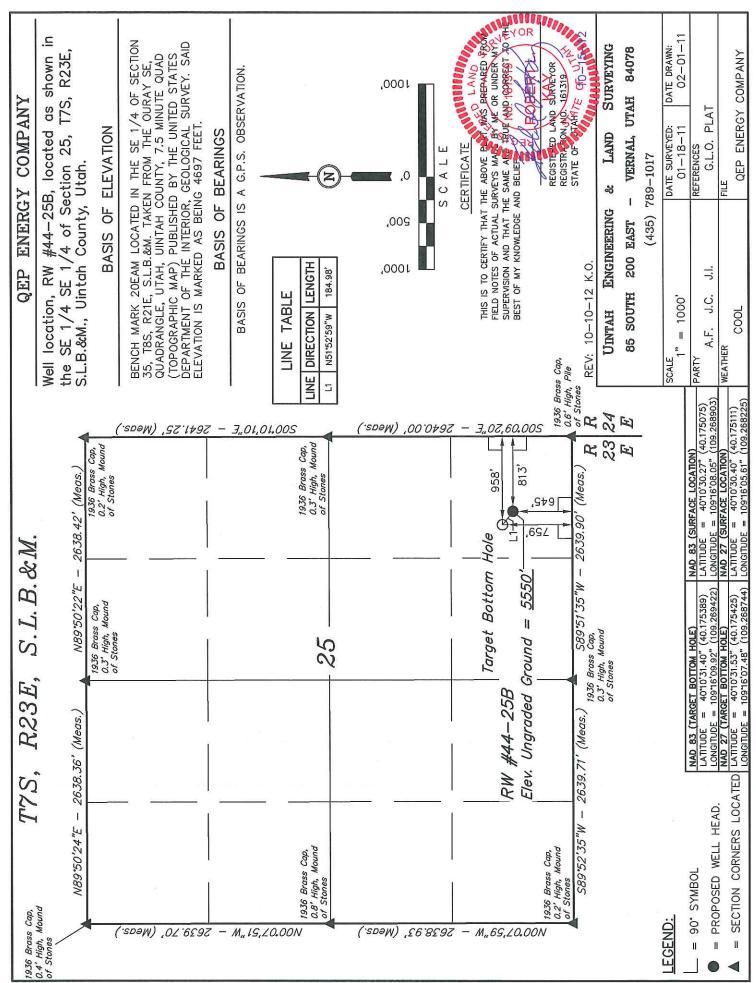
• If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No	
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No	
 Has there been any unit or other agreements put in place that could affect the permitting or operation of the proposed well? Yes No 	ıis
• Have there been any changes to the access route including ownership, or rightof- way, which could affect t proposed location? (Yes (No	he
• Has the approved source of water for drilling changed? Yes No	
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No 	1
• Is bonding still in place, which covers this proposed well? Yes No	
natura: Valva Davis Data: 6/28/2012	

Signature: Valyn Davis **Date:** 6/28/2012

Title: Regulatory Affairs Analyst Representing: QEP ENERGY COMPANY

			FORM 9
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE	FS	
	DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0823
SUNDF	RY NOTICES AND REPORTS (ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL forr	7.UNIT or CA AGREEMENT NAME: RED WASH		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: RW 44-25B
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43047517190000		
3. ADDRESS OF OPERATOR: 11002 East 17500 South,	9. FIELD and POOL or WILDCAT: RED WASH		
4. LOCATION OF WELL FOOTAGES AT SURFACE:			COUNTY: UINTAH
0645 FSL 0813 FEL QTR/QTR, SECTION, TOWNSI Qtr/Qtr: SESE Section: 2	HIP, RANGE, MERIDIAN: 5 Township: 07.0S Range: 23.0E Meridia	an: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start: 4/1/2013	✓ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	LI PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:
12 DESCRIBE BRODOSED OR	COMPLETED OPERATIONS. Clearly show a	Il nortinont dotails including dates	donths valumes ato
QEP ENERGY COMF	COMPLETED OPERATIONS, Clearly show a PANY REQUESTS TO CHANGE IONED WELL: THE SURFACE H	THE DRILLING PLAN ON	Approved by the Utah Division of
WITH AIR,AIR/MIST,	FOAM OR MUD DEPENDING	ON HOLE CONDITIONS.	Oil, Gas and Mining
DRILLING BELOV	W SURFACE CASING WILL BE V	VITH WATER BASED	Date: December 27, 2012
DRILLING FLUIDS CO	DNSISTING PRIMARILY OF FRE	SH WATER, BENTONITE,	Date: Do cal MO
	C, LIME SODA ASH AND POLYN		By:
	NOT INTENDED TO USE OIL II		7,3
	USED, OIL CONCENTRATION \		
	(IMUM ANTICIPATED MUD WEI		
l .	Г 90' OF 14" CONDUCTOR PIPE E BOTTOM HOLE SPACING OF		
l .	THEREFORE QEP WOULD LIK		/ITH A SMALL STEP OUT OF
			25, T7S, R23E, 40.175389 LAT,
	09.269422 LON. QEP REQUE		
NAME (PLEASE PRINT)	PHONE NUMBE	ER TITLE	
Jan Nelson	435 781-4331	Permit Agent	
SIGNATURE N/A		DATE 12/4/2012	







QEP ENERGY (UT)

Red Wash RW 44-25B RW 44-25B

Original Hole

Plan: Plan ver.0

Standard Planning Report

05 September, 2012





QEP Resources, Inc.

Planning Report



Database: Company: EDMDB_QEP QEP ENERGY (UT)

Project: Site: Well:

Red Wash RW 44-25B

Wellbore: Design:

RW 44-25B Original Hole Plan ver.0

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method: Well RW 44-25B

RKB @ 5565,30usft (FRONTIER 2) RKB @ 5565,30usft (FRONTIER 2)

Minimum Curvature

Project

Red Wash

Map System: Geo Datum:

Map Zone:

From:

US State Plane 1983 North American Datum 1983

Utah Central Zone

System Datum:

Mean Sea Level

Using geodetic scale factor

Site RW 44-25B

Site Position:

Lat/Long

Northing: Easting:

7,240,271.137 usft 2,263,771.528 usft 13-3/16 "

Latitude:

Longitude:

40.175075 -109,268903

Position Uncertainty:

0.00 usft

Slot Radius:

Grid Convergence:

1.43°

Well Well Position RW 44-25B

+N/-S +E/-W -0.02 usft 0.00 usft 0.00 usft

Northing: Easting:

Wellhead Elevation:

7,240,271.120 usft 2,263,771.528 usft

10.86

Latitude: Longitude:

40,175075 -109.268903

Position Uncertainty

5,549.30 usft

Ground Level:

5,549.30 usft

Wellbore

Original Hole

Plan ver.0

Model Name Magnetics

Sample Date IGRF2010 7/9/2012 Declination (°)

Dip Angle (°)

Field Strength (nT)

52,345

Design

Audit Notes:

Version:

Phase:

PLAN

Tie On Depth:

0.00

66,03

Vertical Section:

Depth From (TVD) (usft) 0.00

+N/-S (usft) 0.00

+E/-W (usft) 0.00

Direction (°) 308,12

Plan Sections Measured Vertical Dogleg Build Turn Inclination Azimuth Depth +N/-S +E/-W Rate Depth Rate Rate TFO (usft) (usft) (usft) (usft) (°/100usft) (°/100usft) (°/100usft) (°) (°) **Target** (°) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 2,400.00 0.00 0.00 2,400.00 0.00 0.00 0.00 0.00 0.00 0.00 3,125,81 14,52 309,35 3,118.07 57.99 -70.72 2,00 2,00 0.00 309.35 3,564.31 14.52 309,35 3,542.57 127.68 -155.71 0.00 0.00 0.00 0.00 4,532.06 0.00 0.00 4,500.00 205.00 -250.00 1.50 -1.50 0.00 180.00 7,817.06 0,00 0,00 7,785.00 205,00 -250,00 0.00 0.00 0.00 0.00 8,050.39 3.50 131.00 8,018.19 200.33 -244.62 1.50 1.50 0.00 131.00 10,201,22 3,50 131,00 10,165,00 114.18 -145.53 0.00 0.00 0.00 0,00



QEP Resources, Inc.

Planning Report



Database: Company: EDMDB_QEP QEP ENERGY (UT)

Project: Site: Well:

Wellbore:

Design:

Red Wash RW 44-25B RW 44-25B Original Hole

Plan ver.0

Local Co-ordinate Reference:

TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Well RW 44-25B

RKB @ 5565.30usft (FRONTIER 2) RKB @ 5565.30usft (FRONTIER 2)

True

Minimum Curvature

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,125.81	14.52	309.35	3,118.07	57.99	-70,72	91.43	2,00	2.00	0.00
3,564.31	14.52	309.35	3,542.57	127,68	-155,71	201,32	0.00	0.00	0.00
4,532.06	0.00	0.00	4,500.00	205.00	-250.00	323,23	1.50	-1.50	0.00
7,817.06	0.00	0.00	7,785.00	205.00	-250.00	323.23	0.00	0.00	0.00
8,050.39	3.50	131.00	8,018.19	200.33	-244.62	316.11	1.50	1.50	0.00
10,201.22	3.50	131.00	10,165.00	114.18	-145.53	184.97	0.00	0.00	0.00

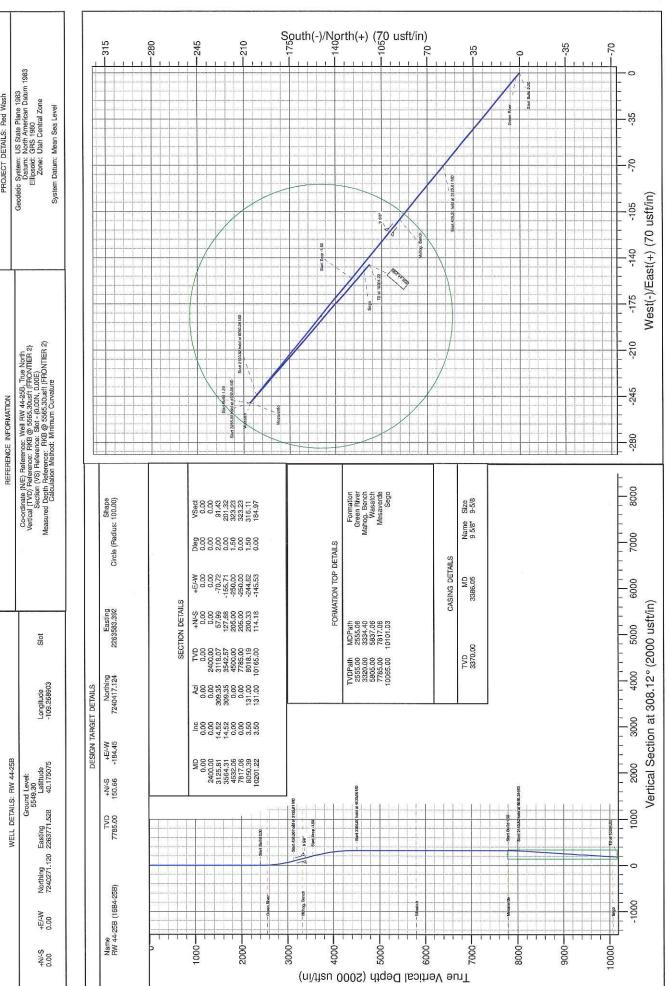
Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
RW 44-25B (16B4-25B) - plan misses target - Circle (radius 100.0		0.00 8usft at 781	7,785.00 9.66usft MD	150.66 (7787.60 TVE	-184.45 D, 205.00 N, -:	7,240,417,124 250.00 E)	2,263,583,392	40.175489	-109,269563

Casing Points						
	Measured	Vertical			Casing	Hole
	Depth	Depth			Diameter	Diameter
	(usft)	(usft)		Name	(")	(")
	3,386.05	3,370.00	9 5/8"		9-5/8	12-1/4

Measured Depth (usft)	Vertical Depth (usft)	Nan	ne	Lithology	Dip (°)	Dip Direction (°)
2,555.08	2,555.00	Green River			0.00	
3,334.40	3,320.00	Mahog, Bench			0.00	
5,837.06	5,805.00	Wasatch			0.00	
7,817.06	7,785.00	Mesaverde			0.00	
10,101.03	10,065.00	Sego			0.00	



PROJECT DETAILS: Red Wash REFERENCE INFORMATION **QEP ENERGY (UT)** Company Name: WELL DETAILS: RW 44-25B







11002 East 17500 South Vernal, UT 84078 Telephone 435-781-4331 Fax 435-781-4395

jan.nelson@gepres.com

December 4, 2012

Ms. Diana Mason Division of Oil, Gas and Mining P.O. Box 145801 Salt Lake City, UT 84114-6100

RE: Directional Drilling R649-3-11

Red Wash Unit

RW 44-25B

645' FSL, 813' FEL, SESE, SECTION 25, T7S, R23E(Surface) 759' FSL, 958' FEL, SESE, SECTION 25, T7S, R23E (Bottom Hole) Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing of QEP Energy Company Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649 -3-11 pertaining to the location and drilling of a directional well.

QEP Energy Company would like to optimize the bottom hole spacing of the Mesa Verde development; therefore, QEP Energy Company would like to drill this well directionally.

Furthermore, QEP Energy Company certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Therefore, based on the above stated information QEP Energy Company requests the permit be granted pursuant to Rule R649-3-11.

Sincerely.

Jan Nelson Permit Agent

	STATE OF UTAH		FORM 9
ı	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MINII		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0823
SUNDR	Y NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME: RED WASH		
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: RW 44-25B		
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43047517190000		
3. ADDRESS OF OPERATOR: 11002 East 17500 South ,	9. FIELD and POOL or WILDCAT: RED WASH		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0645 FSL 0813 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SESE Section: 29	IIP, RANGE, MERIDIAN: 5 Township: 07.0S Range: 23.0E Meridiar	n: S	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start: 6/29/2014	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:
QEP ENERGY COMPA	COMPLETED OPERATIONS. Clearly show all ANY HEREBY REQUESTS A ONE PD ON THE ABOVE CAPTIONE	YEAR EXTENSION FOR	Approved by the Utah Division of Oil, Gas and Mining Date: July 01, 2013 By:
NAME (DI EASE DDINIT)	DUONE NI IMPE	R TITI F	
NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBE 435 781-4369	R TITLE Regulatory Affairs Analyst	
SIGNATURE N/A		DATE 6/25/2013	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047517190000

API: 43047517190000

Well Name: RW 44-25B

Location: 0645 FSL 0813 FEL QTR SESE SEC 25 TWNP 070S RNG 230E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 6/29/2011

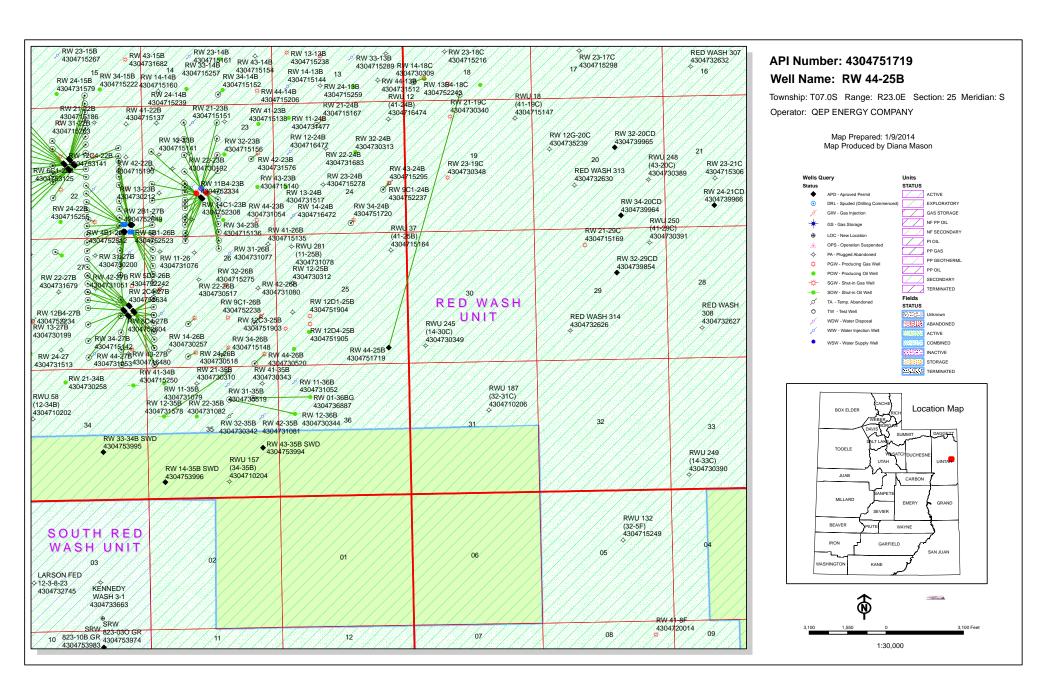
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

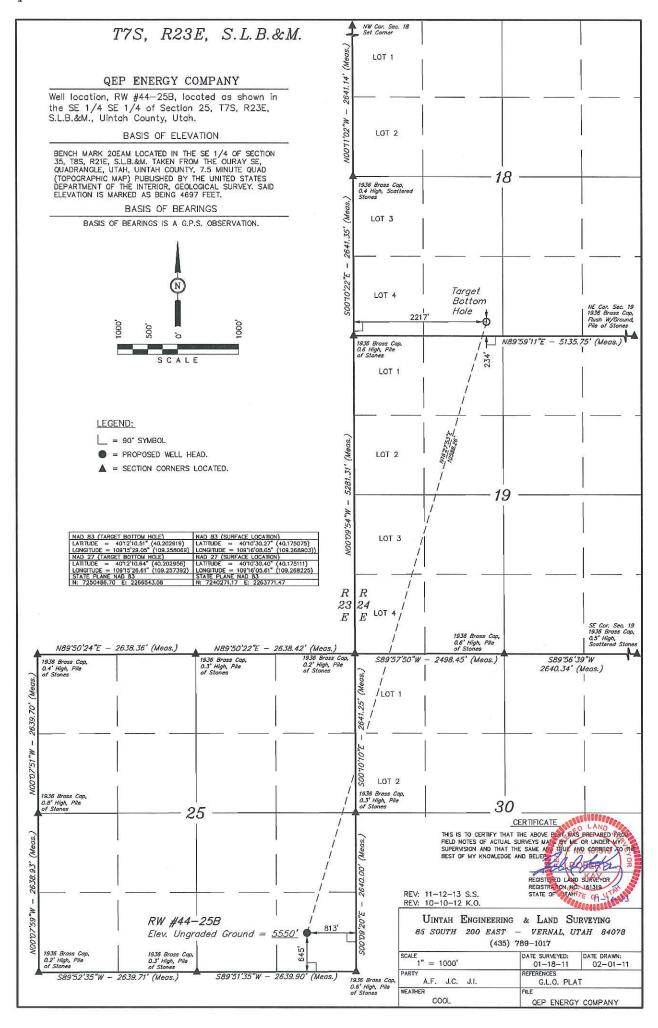
• If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? (Yes (No
• Has the approved source of water for drilling changed? Yes No
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? Yes No
natura. Valva Davis

Signature: Valyn Davis Date: 6/25/2013

Title: Regulatory Affairs Analyst Representing: QEP ENERGY COMPANY

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE	·e	FORM 9	
	DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0823	
	RY NOTICES AND REPORTS O		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME: RED WASH			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: RW 44-25B	
2. NAME OF OPERATOR: QEP ENERGY COMPANY			9. API NUMBER: 43047517190000	
3. ADDRESS OF OPERATOR: 11002 East 17500 South,		PHONE NUMBER: 308-3068 Ext	9. FIELD and POOL or WILDCAT: RED WASH	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0645 FSL 0813 FEL			COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 5 Township: 07.0S Range: 23.0E Meridia	n: S	STATE: UTAH	
11. CHEC	K APPROPRIATE BOXES TO INDICATE	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
QEP ENERGY COM HORIZONTAL GAS V 2217' FWL, SEC 109.258069. TD WII NO ADDITIONAL ACTION. QEP ENE	COMPLETED OPERATIONS CHANGE WELL STATUS □ DEEPEN □ OPERATOR CHANGE □ PRODUCTION START OR RESUME □ REPERFORATE CURRENT FORMATION □ TUBING REPAIR □ WATER SHUTOFF □ WILDCAT WELL DETERMINATION COMPLETED OPERATIONS. Clearly show all MPANY REQUESTS TO CHANGE VELL. NEW BOTTOM HOLE FOOLS. 18, SESW, T7S, R24E, LAT: LL BE CHANGED FROM 10,10 SURFACE DISTURBANCE IS REGY COMPANY REQUESTS THE PLEASE SEE ATTACHED: LEGADIRECTIONAL PLANS.	E THE RW 44-25B TO A OTAGES ARE: 234' FSL, 40.202919, LONG: O1' MD TO 20,367' MD. EQUIRED FOR THIS IS WELL BE FILED AS	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: Depths, volumes, etc. Approved by the Utah Division of Oil, Gas and Mining Date: January 13, 2014 By:	
NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBE 435 781-4369	R TITLE Regulatory Affairs Analyst		
SIGNATURE N/A		DATE 1/7/2014		





QEP Energy Company RW 44-25B

Summarized New Drill Lower Mesa Verde Horizontal Procedure

- 1. MIRU drilling rig.
- 2. Drill 12-1/4" hole to 3,429'.
- 3. RIH with 9-5/8" 40# N-80 casing to bottom.
- 4. Cement casing.
- 5. NU rig's 5,000 WP rated BOP.
- 6. Drill vertically to 9,441'.
- 7. TOOH and PU curve assembly.
- 8. TIH.
- 9. Build curve per directional plan to land in the Lower Mesa Verde.
- 10. LDDP.
- 11. RIH with 7" 29# P-110HC to 10,311'.
- 12. Cement casing.
- 13. PU 4"DP and lateral assembly.
- 14. Drill out cement.
- 15. Drill ~10,056' of lateral at ~16.61° azimuth, following formation dip.
 - a. Mud system to be Oil Based. Weights are expected to be in the 10.0 11.0 ppg range.
- 16. PU 4 1/2" 15.1# P-110HC CDC casing and run to 50' off bottom of the TD of 20,367'.
- 17. Cement casing.
- 18. ND BOP's.
- 19. RDMOL.

ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY RW 44-25B

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1 Approval of Operations on Onshore Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated top of important geologic markers are as follows:

*This is a horizontal well:

<u>Formation</u>	Depth, TVD	Depth, MD
Green River	2,579'	2,579
Bird's Nest	2,808	2,808
Mahogany	3,379	3,379°
Base of Mod Saline	5,479'	5,479°
Wasatch	5,504'	5,504'
Mesaverde	7,853'	7,853
Kick Off Point	9,441'	9,441'
TD	10.539	20.367

2. Anticipated Depths of Oil, Gas, Water, and Other Mineral Bearing Zones

The estimated depths at which the tops of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered as follows:

Substance	<u>Formation</u>	Depth, TVD	Depth, MD
Oil/Gas	Green River	2,579'	2,579'
Oil/Gas	Wasatch	5,504'	5,504'
Oil/Gas	Mesaverde	7,853	7,853

ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY RW 44-25B

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right 49-251 (which was filed on May 7, 1964) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at LaPoint Recycling and Storage in Section 12, T5S R19E of Uintah County, UT or Red Wash Disposal site; SESE, Section 28, T7S, R23E or West End Disposal Site; NESE, Section 28, T7S, R22E.

3. Operator's Specification for Pressure Control Equipment

- A. An 11" 5000 psi double ram with blind rams and pipe rams annular preventer and drilling spool or BOP with 2 side outlets.
- B. All BOP connections subject to pressure shall be flanged, welded or clamped.
- C. Kill line (2" min), 2 choke line valves (3" min), choke line (3" min), 2 kill line valves (2" min) and a check valve, 2 chokes with one remotely controlled from rig floor and a pressure gauge on choke manifold.
- D. Upper and Lower Kelly cock valves with handles and safety valve and subs to fit all drill string connections.
- E. IBOP or float sub available.
- F. Fill up line must be installed above the uppermost preventer.
- G. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY RW 44-25B

4. <u>Casing Program</u>

Hole Size	Casing Size	Top, MD	Bottom, MD	Weight, lb/ft	Grade	Thread	Condition	MW
17-1/2 "	14"	sfc	80'	Steel	Cond.	None	Used	Air
12 1/4"	9 5/8"	sfc	3,429'	40.0	N-80	LTC	New	8.8- 9.3ppg
8 3/4"	7"	sfc	10,311'	29.0	P-110HC	LTC	New	9-10.5 ppg
6 1/8"	4 1/2"	sfc	20,317	15.1	P-110HC	CDC	New	10–11.0 ppg

The lateral will be lined with casing 50' off bottom and cemented to surface.

	Casing S	trengths:		Collapse	Burst	Tensile (minimum)
9 5/8"	40.0 lb.	N-80	LTC	3,090 psi	5,750 psi	727,000 lb.
7"	29.0 lb.	P-110HC	LTC	9,750 psi	11,220 psi	797,000 lb.
4 ½"	15.1 lb.	P-110HC	CDC	15,130 psi	14,420 psi	485,000 lb.

Please refer to the attached wellbore diagram for further details.

5. <u>Cementing Program</u>

14" Conductor:

Cement to surface with construction cement.

9-5/8" Surface Casing: SFC - 3,429' (MD)

Lead Slurry: Surface (TOC) – 2,929'. 515 sks (1,607 ft³) Halliburton Extendacem, 1 pps Granulite TR 1/4, 0.125 pps Poly-E-Flake, Slurry Weight 11.0 ppg, 3.12 ft³/sk, 75% XS in open hole only.

Tail Slurry: 2,929' – 3,429'. 198 sx (291ft³) Halliburton Econocem, 0.2% HR-5 Retarder, 1.0 pps Granulite TR 1/4, 0.125 pps Poly-E-Flake, Slurry Weight 13.5 ppg, 1.47 ft³/sk, 75% XS in open hole.

7" Intermediate Casing: sfc – 10,311' (MD)

Lead: Sfc – 7,353' 486 sks (1,428 cu ft) Halliburton ECONOCEM V4+ 3 LBM/SK Kol-Seal (LCM) + 0.1% HR-800 (Retarder). Slurry Weight 11 lb/gal, Slurry Yield 2.94 ft^3/sk, with 50% Excess

Tail Slurry: 7,353' – 10,311'. 453 sks (675 cu ft) Halliburton EXPANDACEM V3 + 0.2% HR-800 (Retarder) + 0.125 lbm/sk Poly-E-Flake (LCM) + 1 lbm/sk Granulite TR ¼ (LCm). Slurry wt: 13.5 ppg, Slurry yield: 1.49 ft³/sk, with 50% excess.

ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY RW 44-25B

4-1/2" Production Casing: sfc – 20,317' (MD)

Lead: Sfc – 7,353' 296 sks (895 cu ft) Halliburton ECONOCEM V4+ 3 LBM/SK Kol-Seal (LCM) + 0.1% HR-800 (Retarder). Slurry Weight 11.5 lb/gal, Slurry Yield 2.44 ft³/sk.

Tail Slurry: 7,353' – 20,317'. 1,044 sks (1,566 cu ft) Halliburton EXPANDACEM V3 + 0.6% HR-800 (Retarder) + 0.125 lbm/sk Poly-E-Flake (LCM) + 1 lbm/sk Granulite TR ¼ (LCm). Slurry wt: 13.5 ppg, Slurry yield: 1.50 ft³/sk, with 35% excess.

6. Auxilliary Equipment

- A. Kelly Cock yes
- B. Float at the bit Yes
- C. Monitoring equipment on the mud system PVT/Flow Show
- D. Full opening safety valve on the rig floor Yes
- E. Rotating Head Yes
- F. Drilling below 14" Conductor will be done with water. Drilling below the 9-5/8" casing will be done with water based mud. Drilling below the 7" will be done with Oil Based Mud. Maximum anticipated mud weight is 11.0 ppg.
- G. No minimum quantity of weight material will be required to be kept on location.
- H. Gas detector will be used from surface casing depth to TD.

7. Testing, Logging, and Coring Program

- a. Cores None Anticipated
- b. DST None Anticipated
- c. Logging:
 - i. Mud logging from surface casing point to TD
 - ii. OH Logs: GR-SP-Induction, Neutron Density to be run in the intermediate section to KOP.
 - iii. MWD-GR will be utilized during drilling operations to aid in landing the curve and maintaining the laterals within the desired zone.
- d. Formation and completion interval: Lower Mesa Verde. Stimulation: stimulation will be designed for the particular area of interest encountered.

ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY RW 44-25B

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated.

Maximum anticipated bottom hole pressure (approx, psi): 6,028

Maximum anticipated bottom hole temperature (approx, deg F): 190

H2S has not been encountered in other wells drilled to similar depths in the general area.

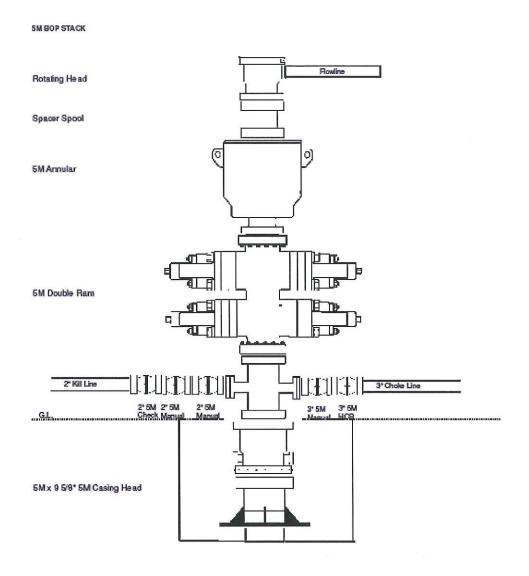
9. Additional Information For Oil Base Mud

- A. A reserve pit will be constructed for this location. This pit will be constructed so that a minimum of two vertical feet of freeboard exists above the top of the pit at all times and at least one-half of the holding capacity will be below ground level. The pit will be lined with a synthetic reinforced liner, 0.030" (0.75 mm +/-) thick, with sufficient bedding used to cover any rocks prior to putting any fluids into the pit. The pad will be designed so that runoff from adjacent slopes does not flow into the reserve pit. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. This cuttings pit will be used for oil based cuttings generated during drilling of the production hole.
- B. Oil-base mud will be mixed in the closed circulating system and transferred to one or more 400 bbl or 500 bbl tanks (as available) on location for storage prior to and after drilling operations. Drip pans will be installed below the rotary beams on the substructure and can be viewed on site from the cellar area. As the production section of the hole is drilled, the cuttings transported to the surface with the drilling fluid will be mechanically separated from the drilling fluid as waste by two shale-shakers and then cleaned/dried via a mud cleaner and/or centrifuge. These separated cuttings will be transferred to the cuttings pit nearest the shakers and stored in this cuttings pit for solidification after the rig is released and moved off location.
- C. The means to transport the cuttings from the solids control equipment to the OBM cuttings pit will be dictated by the size of the location:
 - a. Option 1: By track-hoe or similar equipment from a cuttings bin to the cuttings pit.
 - b. Option 2: By 10" PVC pipe or equivalent steel piping. Water will be pumped to the solids control equipment and will convey the OBM cuttings from the solids control equipment to the OBM cuttings pit via the PVC pipe. The water will be recycled multiple times from the cuttings pit to continue to transport the cuttings to the cuttings pit. The conveyance system will be enclosed on the solids control end to prevent spills. The conveyance piping system at the cuttings pit end will be placed on top of pit liner to eliminate absorption of fluids into the soil.

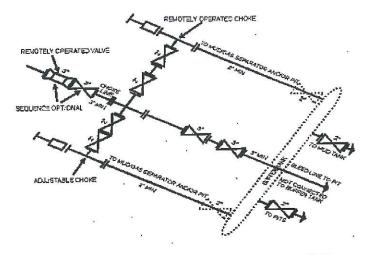
ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY RW 44-25B

- D. Plastic material will underlay the rig, oil base mud/diesel storage tanks and mud pits. All tanks on location will be placed inside of berms. Any oily waste fluids and sediments generated at the work site during drilling operations or when cleaning the fluid containment system after drilling will also be placed into the cuttings pit.
- E. All rig ditches will be lined and directed to a lined sump for fluid recovery. A drip pan will be installed on the BOP stack, a mud bucket will be utilized as needed on connections and a vacuum system will be used on the rig floor for fluid recovery in those areas.
- F. Once all waste has been placed in the cuttings pit and all necessary approvals obtained, the oilfield waste management consultant Soli-Bond or a similar company will mobilize equipment and personnel to the site to perform the cement based solidification/stabilization process in-situ for encapsulation. Soil will be backfilled over the processed material used on the cuttings pit and will be returned to the existing grade bordering the pit.

ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY RW 44-25B



ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY RW 44-25B



5M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

Although not required for any of the choke manifold systems, buffer tanks are sometimes installed downstructs of the choke acts whiles for the purpose of panelfolding the blood lines together. When buffer tanks are employed, values shall be installed uponem to include a failure or malfunction without interrupting floor control. Though not shown on, 284, 284, 1864, CR 1894 drawings, it would also be applicable to

[54 FR 39528, Sept. 27, 1989]

RW 44-25B

Proposed WBD

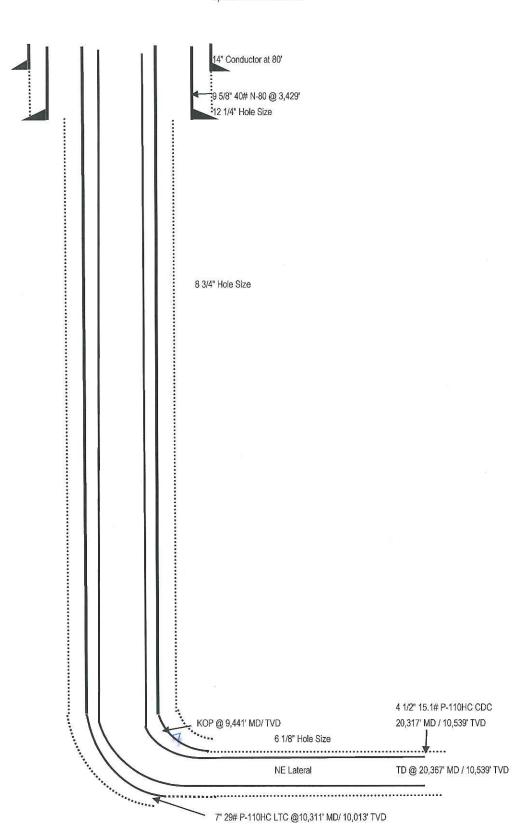
Uinta Basin

SHL: Sec 25-T7S-R23E, Uintah County, UT BHL: Sec 18-T7S-R23E, Uintah County, UT

KB: 5,579' GL: 5,549'

NOTE: NOT TO SCALE

Updated 12-19-2013 CRA





QEP ENERGY (UT)

Red Wash RW 44-25B RW 44-25B

Original Hole

Plan: Plan ver.1

Standard Planning Report

14 November, 2013





QEP Resources, Inc.

Planning Report



Database: Company: Project:

Compass QEP ENERGY (UT) Red Wash

RW 44-25B Site: Well: RW 44-25B Wellbore: Original Hole Design: Plan ver.1

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference: **Survey Calculation Method:** Well RW 44-25B

RKB @ 5579.30usft (SST 88) RKB @ 5579.30usft (SST 88)

Minimum Curvature

Project

Red Wash

Map System:

US State Plane 1983 North American Datum 1983 System Datum:

Mean Sea Level

Using geodetic scale factor

Geo Datum: Map Zone:

Site

Utah Central Zone

RW 44-25B

Site Position: From: Position Uncertainty:

Lat/Long

0.00 usft

Northing: Easting: Slot Radius: 7,240,271.137 usft 2,263,771.528 usft 13-3/16 "

Longitude: Grid Convergence:

Latitude:

40.175075 -109.268903

1.43°

Well

Position Uncertainty

Well Position

+N/-S +E/-W

Plan ver.1

RW 44-25B

0.03 usft -0.06 usft 0.00 usft Northing: Easting:

7,240,271.170 usft 2,263,771.470 usft Wellhead Elevation: 5,549.30 usft Latitude: Longitude: **Ground Level:**

40.175075 -109.268903 5,549.30 usft

Wellbore Original Hole

Magnetics **Model Name**

Sample Date IGRF2010 7/9/2012 Declination (°) 10.86 Dip Angle

Field Strength

(nT) 52,345

Design

Audit Notes: Version:

Phase:

PLAN

Tie On Depth:

0.00

66.03

Vertical Section:

Depth From (TVD) (usft) 0.00

+N/-S (usft) 0.00

+E/-W (usft) 0.00

Direction (°) 16.61

Vleasured			Vertical			Dogleg	Build	Turn		
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Rate	Rate	Rate	TFO	
(usft)	(°)	(°)	(usft)	(usft)	(usft)	(°/100usft)	(°/100usft)	(°/100usft)	(°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0,00	0.00	0.00	0.00	
9,440.51	0.00	0.00	9,440.51	0.00	0.00	0.00	0.00	0.00	0.00	
10,310.51	87.00	16.61	10,012.68	520.32	155.20	10.00	10.00	0.00	16.61	
20,367.05	87.00	16.61	10,539.00	10,144.07	3,025.79	0.00	0.00	0.00	0.00 RV	N 44-25B

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9,440.51	0.00	0.00	9,440.51	0.00	0.00	0.00	0.00	0.00	0.00
10,310.51	87.00	16.61	10,012.68	520.32	155.20	542.97	10.00	10.00	0.00
20,367.05	87.00	16.61	10,539.00	10,144.07	3,025.79	10,585,73	0.00	0.00	0.00



QEP Resources, Inc.

Planning Report



Database: Company: Project: Site: Compass QEP ENERGY (UT) Red Wash

Site: RW 44-25B
Well: RW 44-25B
Wellbore: Original Hole
Design: Plan ver.1

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well RW 44-25B

RKB @ 5579.30usft (SST 88) RKB @ 5579.30usft (SST 88)

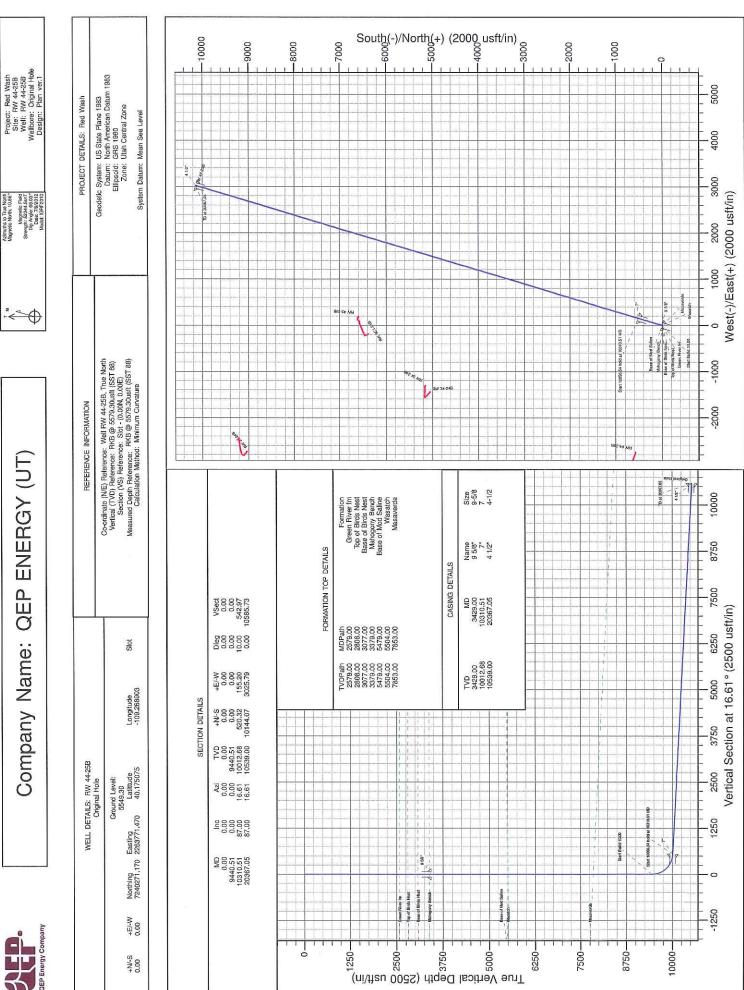
True

Minimum Curvature

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir, (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
RW 44-25B - plan hits target co - Point	0.00 enter	0.00	10,539.00	10,144.07	3,025.79	7,250,486.700	2,266,543.080	40.202920	-109.258071

Casing Points						
	Measured Depth (usft)	Vertical Depth (usft)		Name	Casing Diameter (")	Hole Diameter (")
	3,429.00	3,429.00	9 5/8"		9-5/8	12-1/4
	10,310.51	10,012.68	7"		7	8-3/4
	20,367.05	10,539.00	4 1/2"		4-1/2	6-1/8

Formations				
	Measured Depth (usft)	Vertical Depth (usft)	Name	Dip Dip Direction Lithology (°) (°)
	2,579.00	2,579.00	Green River fm	0.00
	2,808.00	2,808.00	Top of Birds Nest	0.00
	3,077.00	3,077.00	Base of Birds Nest	0.00
	3,379.00	3,379.00	Mahogony Bench	0.00
	5,479.00	5,479.00	Base of Mod Saline	0.00
	5,504.00	5,504.00	Wasatch	
	7,853.00	7,853.00	Mesaverde	3.00 16.61





	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0823
SUNDF	RY NOTICES AND REPORTS ON	I WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly dee reenter plugged wells, or to drill horizontal n for such proposals.		7.UNIT or CA AGREEMENT NAME: RED WASH
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: RW 44-25B
2. NAME OF OPERATOR: QEP ENERGY COMPANY			9. API NUMBER: 43047517190000
3. ADDRESS OF OPERATOR: 11002 East 17500 South,		IONE NUMBER: 8-3068 Ext	9. FIELD and POOL or WILDCAT: RED WASH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0645 FSL 0813 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSI Qtr/Qtr: SESE Section: 2	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICATE I	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION			
QEP ENERGY COMPA	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION COMPLETED OPERATIONS. Clearly show all p ANY HEREBY REQUESTS A ONE NAME OF THE ABOVE CAPTIONED	YEAR EXTENSION FOR	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL ✓ APD EXTENSION OTHER: Depths, volumes, etc. Approved by the Utah Division of Oil, Gas and Mining July 01, 2014 Date: By:
NAME (PLEASE PRINT)	PHONE NUMBER		
Valyn Davis SIGNATURE	435 781-4369	Regulatory Affairs Analyst DATE	
SIGNATURE N/A		6/30/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047517190000

API: 43047517190000

Well Name: RW 44-25B

Location: 0645 FSL 0813 FEL QTR SESE SEC 25 TWNP 070S RNG 230E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 6/29/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
• Has there been any unit or other agreements put in place that could affect the permitting or operation of thi proposed well? Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? (Yes (No
• Has the approved source of water for drilling changed? Yes No
• Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? Yes No
natura: Valva Davis Date: 6/30/2014

Signature: Valyn Davis **Date:** 6/30/2014

Title: Regulatory Affairs Analyst Representing: QEP ENERGY COMPANY

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

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- 10	A	Γ
- 17	/8	ı

SUNDRY Do not use thi abandoned wei	NOTICES AND REPOI is form for proposals to ii. Use form 3160-3 (API	RTS ON WE drill or to re- D) for such p	LLS enter an roposals.	3LM	UTU0823 6. If Indian, Allottee or	Tribe Name	
SUBMIT IN TRI	PLICATE - Other instruc	tions on rev	erse side.		7. If Unit or CA/Agree 892000761D	ment, Name and/or N	Vo.
Type of Well Oil Well	er				8. Well Name and No. RW 44-25B		
2. Name of Operator QEP ENERGY COMPANY		VALYN DAVI s@qepres.com			9. API Well No. 43-047-51719-0	0-X1	
3a. Address 11002 EAST 17500 SOUTH VERNAL, UT 84078		3b. Phone No Ph: 435-78 Fx: 435-781	(include area code 1-4369 -4395	e)	10. Field and Pool, or I RED WASH	Exploratory	
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description				11. County or Parish, a	and State	
Sec 25 T7S R23E SESE 645F 40.175075 N Lat, 109.268903					UINTAH COUNT	ry, ut	
12. CHECK APPR	ROPRIATE BOX(ES) TO	INDICATE	NATURE OF	NOTICE, RE	EPORT, OR OTHER	R DATA	
TYPE OF SUBMISSION			ТҮРЕ С	F ACTION			
Notice of Intent	☐ Acidize	Dee:	en	☐ Producti	on (Start/Resume)	☐ Water Shut-O	ff
_	☐ Alter Casing	☐ Frac	racture Treat		ation	■ Well Integrity	,
☐ Subsequent Report	□ Casing Repair	☐ Casing Repair ☐ New Construction ☐ Recon		☐ Recomp	lete	Other	
☐ Final Abandonment Notice ☐ Change Plans ☐ Plug		and Abandon	☐ Tempora	arily Abandon	Change to Origin PD	nai A	
	☐ Convert to Injection	Back	■ Water D	isposal			
13. Describe Proposed or Completed Ope If the proposal is to deepen directions Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab determined that the site is ready for final	ally or recomplete horizontally, it will be performed or provide operations. If the operation resonand on the andonment Notices shall be file	give subsurface the Bond No. or sults in a multipl	ocations and meas file with BLM/BI completion or rec	sured and true ver A. Required sub completion in a n	rtical depths of all pertine sequent reports shall be new interval, a Form 3160	ent markers and zone. filed within 30 days 0-4 shall be filed once	S.
QEP ENERGY COMPANY HE	EREBY REQUESTS A TV	VO YEAR EX	TENSION FOR	THE APD O	N THE ABOVE CAP	TIONED WELL.	•••
BLM APPROVAL DATE: 11/3	0/2011				VERNAL F	IEM OFFICE	
		คพเพเพ	F OIL, GAS & I	DIA: O	ENG.	817114	
					GEOL		
			105 7 2 201		E.S	500	
		(SECEINE		PET.	<u> </u>	
					RECL		
14. I hereby certify that the foregoing is	Electronic Submission #2	NERGY COMP	ANY, sent to th	e Vernal	-		
Name (Printed/Typed) VALYN DA	AVIS		Title REGU	LATORY AFF	AIRS ANALYST		
Signature (Electronic S	Submission)		Date 10/10/	2013			
2-graves (27004 UIIV I	THIS SPACE FO	R FEDERA					
26/1			Δ	ssistant Fiel	d Manager	AUC OF	0044
_Approved By					d Mesources	AUG 05	2014
Conditions of approved, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to condu	itable title to those rights in the	not warrant or subject lease	000		HEI D OFFICE		
				أعلانات	علاكات بدعية		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Revisions to Operator-Submitted EC Data for Sundry Notice #222633

Operator Submitted BLM Revised (AFMSS) Sundry Type: OTHER **APDCH** NOI NOI UTU0823 UTU0823 Lease: 892000761D Agreement: 892000761D (UTU63010D) QEP ENERGY COMPANY 11002 EAST 17500 SOUTH VERNAL, UT 84078 Ph: 435-781-4369 QEP ENERGY COMPANY 11002 EAST 17500 SOUTH VERNAL, UT 84078 Ph: 435-781-4032 Fx: 435-781-4045 Operator: VALYN DAVIS REGULATORY AFFAIRS ANALYST E-Mail: Valyn.Davis@qepres.com Cell: 435-828-1058 Ph: 435-781-4369 Fx: 435-781-4395 VALYN DAVIS REGULATORY AFFAIRS ANALYST Admin Contact: E-Mail: valyn.davis@qepres.com Cell: 435-828-1058 Ph: 435-781-4369 Fx: 435-781-4395 VALYN DAVIS REGULATORY AFFAIRS ANALYST E-Mail: valyn.davis@qepres.com Cell: 435-828-1058 Ph: 435-781-4369 Fx: 435-781-4395 VALYN DAVIS REGULATORY AFFAIRS ANALYST E-Mail: Valyn.Davis@qepres.com Cell: 435-828-1058 Ph: 435-781-4369 Fx: 435-781-4395 Tech Contact: Location: UT UINTAH UT UINTAH State: County: **RED WASH** Field/Pool: **RED WASH** RW 44-25B Sec 25 T7S R23E Mer SLB SESE 645FSL 813FEL 40.175075 N Lat, 109.268903 W Lon RW 44-25B Sec 25 T7S R23E SESE 645FSL 813FEL 40.175075 N Lat, 109.268903 W Lon Well/Facility:

CONDITIONS OF APPROVAL

QEP Energy Company Notice of Intent APD Extension

Lease:

UTU-0823

Well:

RW 44-25B

Location:

SESE Sec 25 T7S-R23E

An extension for the referenced APD is granted with the following conditions:

- 1. The APD extension shall expire on 11/30/15
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Michael Riches of this office at (435) 781-4438

Sundry Number: 58011 API Well Number: 43047517190000

	STATE OF UTAH				FO	RM 9
ι	DEPARTMENT OF NATURAL RESOUF DIVISION OF OIL, GAS, AND M		i	5.LEASE UTU08	DESIGNATION AND SERIAL NUM	IBER:
SUNDR	Y NOTICES AND REPORTS	ON	WELLS	6. IF IND	IAN, ALLOTTEE OR TRIBE NAME	Ē:
	posals to drill new wells, significantl reenter plugged wells, or to drill horiz n for such proposals.			7.UNIT o	or CA AGREEMENT NAME : ASH	
1. TYPE OF WELL Gas Well				8. WELL RW 44	NAME and NUMBER: -25B	
2. NAME OF OPERATOR: QEP ENERGY COMPANY				9. API NI 43047	UMBER: 517190000	
3. ADDRESS OF OPERATOR: 11002 East 17500 South,	Vernal, Ut, 84078 30		NE NUMBER: -3068 Ext	9. FIELD and POOL or WILDCAT: RED WASH		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0645 FSL 0813 FEL			COUNTY			
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SESE Section: 25	STATE: UTAH					
11. CHECI	K APPROPRIATE BOXES TO INDICA	ATE N	ATURE OF NOTICE, REPOR	T, OR C	THER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION			
	ACIDIZE		ALTER CASING		CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	☐ c	CHANGE TUBING		CHANGE WELL NAME	
	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ F	RACTURE TREAT		NEW CONSTRUCTION	
	OPERATOR CHANGE	P	PLUG AND ABANDON		PLUG BACK	
✓ SPUD REPORT	PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION	
Date of Spud: 11/19/2014	REPERFORATE CURRENT FORMATION	□ s	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON	
11/10/2011	TUBING REPAIR	□ v	/ENT OR FLARE		WATER DISPOSAL	
DRILLING REPORT Report Date:	WATER SHUTOFF	□ s	SI TA STATUS EXTENSION		APD EXTENSION	
·	WILDCAT WELL DETERMINATION		THER	отні	FR:	
ON DECEMBER	COMPLETED OPERATIONS. Clearly shown 19, 2014, QEP ENERGY COMPOSED ON PIPE WITH REA	ЛРАN	IY SET 80' OF 14"	epths, vo		′
NAME (PLEASE PRINT) Valyn Davis	PHONE NUM 435 781-4369	IBER	TITLE Regulatory Affairs Analyst			
SIGNATURE N/A			DATE 11/19/2014			

BLM - Vernal Field Office - Notification Form

•	erator QEP ENERGY Rig Name/# <u>SS1#88</u> Submitted
•	IMMY KITTRELL Phone Number 435 828 0396
	I Name/Number RW 44-25B
Qtr/	Qtr <u>SESE</u> Section <u>25</u> Township <u>7S</u> Range <u>23E</u>
Leas	se Serial Number UTU 0823
API	Number43-047-51719-00-X1
•	<u>d Notice</u> – Spud is the initial spudding of the well, not drilling below a casing string.
\boxtimes	Date/Time11/18/201408:00 AM PM [
time	ing – Please report time casing run starts, not cementing es. Surface Casing Intermediate Casing Production Casing Liner Other
	Date/Time AM [] PM []
<u>BOP</u>	Initial BOPE test at surface casing point BOPE test at intermediate casing point 30 day BOPE test Other
	Date/Time AM

Remarks <u>PETE MARTIN WILL BE SETTING 80' OF</u> 14" CONDUCTOR ON TUESDAY MORNING 11/18/2014

BLM - Vernal Field Office - Notification Form

Ope	rator <u>QEP ENERGY</u> Rig Name/# <u>SS1#88</u> Submitted
By J	IMMY KITTRELL Phone Number 435 828 0396
Wel	Name/Number RW 44-25B
Qtr/	Qtr SESE Section 25 Township 7S Range 23E
Leas	se Serial Number <u>UTU 0823</u>
API	Number43-047-51719-00-X1
•	<u>d Notice</u> – Spud is the initial spudding of the well, not drilling below a casing string.
	Date/Time AM
time	ng – Please report time casing run starts, not cementing es. Surface Casing Intermediate Casing Production Casing Liner Other
PM	Date/Time <u>12/17/2014</u> <u>14:00</u> AM ☐
BOP	Initial BOPE test at surface casing point BOPE test at intermediate casing point 30 day BOPE test Other
	Date/Time AM D PM D

Remarks _	WE WILL	BE DONE I	DRILLING	INTERME	DIATE C	<u>N</u>
12-16-201	4 @ 21:00	PM AND L	AY DOWN	N DRILL P	IPE, STA	\RT_
RUNNING	CASING EA	ARLY AFTE	RNOON C	N 12/17/	2014 @	14:00
PM						

	STATE OF UTAH		FORM 9									
ı	DEPARTMENT OF NATURAL RESOURC DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0823									
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:									
Do not use this form for pro current bottom-hole depth, I FOR PERMIT TO DRILL form	oposals to drill new wells, significantly or reenter plugged wells, or to drill horizon n for such proposals.	deepen existing wells below ntal laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME: RED WASH									
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: RW 44-25B									
2. NAME OF OPERATOR: QEP ENERGY COMPANY			9. API NUMBER: 43047517190000									
3. ADDRESS OF OPERATOR: 11002 East 17500 South,	Vernal, Ut, 84078 303	PHONE NUMBER: 308-3068 Ext	9. FIELD and POOL or WILDCAT: RED WASH									
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0645 FSL 0813 FEL			COUNTY: UINTAH									
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 5 Township: 07.0S Range: 23.0E Meridia	an: S	STATE: UTAH									
11. CHECI	K APPROPRIATE BOXES TO INDICAT	RT, OR OTHER DATA										
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION												
☐ ACIDIZE ☐ ALTER CASING ☐ CASING REPAIR												
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME									
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE									
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION									
2/8/2015	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK									
SPUD REPORT	✓ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION									
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON									
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL									
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION									
	WILDCAT WELL DETERMINATION	OTHER	OTHER:									
40 DECODINE PROPOSED OR	COMPLETED OPERATIONS. Clearly show a		·									
	ENCED PRODUCTION ON FEE P.M.		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 17, 2015									
NAME (PLEASE PRINT)	PHONE NUMB											
Valyn Davis	435 781-4369	Regulatory Affairs Analyst										
SIGNATURE N/A		DATE 2/9/2015										

RECEIVED: Feb. 09, 2015

MENDED REPORT FORM 8 (highlight changes) DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING UTU0823 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG NA 7 LINIT or CA AGREEMENT NAME 1a. TYPE OF WELL: OIL GAS VELL OTHER Red Wash WELL NAME and NUMBER: b. TYPE OF WORK: RW 44-25B DEEP-DIFF. RESVR. RE-ENTRY WELL 🗸 OTHER 9. API NUMBER: 2. NAME OF OPERATOR: 4304751719 **QEP Energy Company** 10 FIELD AND POOL, OR WILDCAT 3. ADDRESS OF OPERATOR: PHONE NUMBER: 84078 (303) 260-6745 Red Wash UT 11002 East 17500 South Cary Vernal 11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 4. LOCATION OF WELL (FOOTAGES) AT SURFACE: SESE, 25-T7S-R23E, 645' FSL, 813' FEL SESE 25 **7S** 23E S AT TOP PRODUCING INTERVAL REPORTED BELOW: SESE, 25-T7S-R23E, 792' FSL, 690' FEL 12. COUNTY 13. STATE AT TOTAL DEPTH: NWSW, 19-T7S-R23W, 1398' FSL, 1147' FWL UTAH Uintah 16. DATE COMPLETED: 17. ELEVATIONS (DF, RKB, RT, GL): 14. DATE SPUDDED: 15. DATE T.D. REACHED: READY TO PRODUCE 🗸 ABANDONED 1/5/2015 5549 11/18/2014 2/8/2015 21. DEPTH BRIDGE PLUG SET: 18. TOTAL DEPTH: MD 16,100 MD 19. PLUG BACK T.D.: MD 20. IF MULTIPLE COMPLETIONS, HOW MANY? * Single TVD TVD 10,008 22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) NO 🗸 YES WAS WELL CORED? (Submit analysis) Triple combo, CBL WAS DST RUN? NO 🗸 YES (Submit report) DIRECTIONAL SURVEY? NO YES 🗸 (Submit copy) 24. CASING AND LINER RECORD (Report all strings set in well) STAGE CEMENTER DEPTH SLURRY CEMENT TYPE & AMOUNT PULLED CEMENT TOP ** HOLE SIZE SIZE/GRADE WEIGHT (#/ft.) TOP (MD) BOTTOM (MD) NO. OF SACKS VOLUME (BBL) 80 65 80 0 24 K-55 94 0 80 20 40 0 3,453 3.453 865 385 0 12.25 9.625 HCP 400 29 0 10,315 10,315 1350 8.75 7 HCD 9,275 16,110 6.125 HC 15.1 4.5 25. TUBING RECORD DEPTH SET (MD) PACKER SET (MD) SIZE DEPTH SET (MD) PACKER SET (MD) SIZE DEPTH SET (MD) PACKER SET (MD) SIZE NA NA NA 26. PRODUCING INTERVALS 27. PERFORATION RECORD NO. HOLES PERFORATION STATUS INTERVAL (Top/Bot - MD) FORMATION NAME BOTTOM (MD) TOP (TVD) BOTTOM (TVD) SIZE TOP (MD) 9.900 10,008 9,900 10,105 0.37 182 9,900 16,016 Open Squeezed (A) Mesaverde 0.75 10.105 16.016 810 Open Squeezed (B) Open Squeezed (C) Open Squeezed (D) 28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. YES 🗸 NO IF YES -- DATE FRACTURED: 2/4/2015 WAS WELL HYDRAULICALLY FRACTURED? AMOUNT AND TYPE OF MATERIAL DEPTH INTERVAL 166,236 BBLS SLICKWATER; 4,700,908 #S 30/50 SAND, 4,982,399 #S 100 MESH 9900'-16016' 30. WELL STATUS: 29. ENCLOSED ATTACHMENTS: GEOLOGIC REPORT DST REPORT J DIRECTIONAL SURVEY ELECTRICAL/MECHANICAL LOGS CORE ANALYSIS ✓ OTHER: Drl. perf. ops SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

Number:

Sundry Number: 61643 API Well

Sundry Number: 61643 43047517190000 API Well Number: 31. INITIAL PRODUCTION WATER - BBL: PROD. METHOD: HOURS TESTED: TEST PRODUCTION OIL - BBL: TEST DATE: DATE FIRST PRODUCED: 15,767 1,460 Flow RATES: 214 24 2/27/2015 2/9/2015 24 HR PRODUCTION OIL - BBL: GAS - MCF WATER - BBL INTERVAL STATUS: CSG. PRESS. API GRAVITY BTU - GAS GAS/OIL RATIO CHOKE SIZE: TBG. PRESS. 15,767 1,460 214 4664 0 1,540 INTERVAL B (As shown in item #26) GAS - MCF: WATER - BBL PROD. METHOD: HOURS TESTED: TEST PRODUCTION OIL - BBL: DATE FIRST PRODUCED: TEST DATE: RATES: INTERVAL STATUS: GAS - MCF WATER - BBL API GRAVITY BTU - GAS GAS/OIL RATIO 24 HR PRODUCTION OIL - BBL: CHOKE SIZE: TBG. PRESS CSG. PRESS RATES: INTERVAL C (As shown in item #26) TEST PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: PROD. METHOD: HOURS TESTED: DATE FIRST PRODUCED: TEST DATE: RATES: WATER - BBL INTERVAL STATUS: GAS - MCF: BTU - GAS GAS/OIL RATIO 24 HR PRODUCTION OIL - BBL: CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY RATES: INTERVAL D (As shown in item #26) PROD. METHOD: TEST PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: RATES: INTERVAL STATUS: GAS/OIL RATIO 24 HR PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU - GAS RATES: 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.) 33. SUMMARY OF POROUS ZONES (Include Aquifers): 34. FORMATION (Log) MARKERS: Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries Top (Measured Depth) Top (MD) Name Descriptions, Contents, etc. Formation (MD) Green River 2,601 3,391 Mahogany Marker 5.932 Wasatch 7,835 Mesaverde 9,920 Sego 35. ADDITIONAL REMARKS (Include plugging procedure) Sliding sleeve on 10105'-16016' perforation. QEP requests confidential status. 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. Sr. Regulatory Affairs Analyst NAME (PLEASE PRINT) Laura Abrams 3/19/2015 DATE SIGNATURE This report must be submitted within 30 days of · reentering a previously plugged and abandoned well completing or plugging a new well significantly deepening an existing well bore below the previous bottom-hole depth drilling horizontal laterals from an existing well bore · drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests · recompleting to a different producing formation * ITEM 20: Show the number of completions if production is measured separately from two or more formations. **ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Phone: 801-538-5340

Fax:

801-359-3940

Send to:

Utah Division of Oil, Gas and Mining

Salt Lake City, Utah 84114-5801

Box 145801

1594 West North Temple, Suite 1210



Daily Activity and Cost Summary

ı 3-047-5171			Field Name RED WASH	County UINTAH	State UTAH	Well Configuration Type Horizontal						
que Well ID 100124	Ground Elevation (Current KB to GL (ft) KB to CF (ft) 0.00 30.0	Spud Date 0 11/18/2014 08:00	Dry Hole TD Date 1/5/2015 09:30						
Category	0,0	Primary Job Type	Sec	ondary Job Type	Objective	17072010 00.00						
ILLING t Date		AFE - DRL-DR (Drilling	07	End Date								
	1	1/27/2014			1/13/2015							
pose												
nmary												
ntractor			RIG	Rig Type								
T Energy	Start Date		SST 88	ROTARY	'RIG							
	11/27/2014	RIG DOWN READY FOR	TRUCKS	Summary								
2	11/28/2014	READY DERRICK AND I WHILE RIGGING DOWN	하고 하다 있다. 그리 하는 성상이 … 하는 10년 시간 시간 하는 것은 사람이 없는 사람이 없다.		R AND SET OUT BACK YA AYLINGHT	RD AND CLEAN ON RI						
	11/29/2014	MATS, AND START SET	TING BACK YARD, W	ELD WIND WALLS O								
	11/30/2014	DERRICK. START WELL	DING DOG HOUSE BE	RACES ON UPPER SU								
	12/1/2014	FARM, PAINT DERRICK	, PAINT DERRICK AN	IS WELD ON DOG HO	E AND STAIRS, SET DRY S PUSE LEGSAND SET OFF S	SIDE DOGHOUSE						
6 12/2/2014 REPAIR DRAWORKS, PAINT DERRICK, SET DRAWORKS ON FLOOR, SET BACK SCR DOGHOUSE AND DRILLERS DOG HOUSE, SWING AND PIN DERRICK ON FLOOR 7 12/3/2014 STRING UP BLOCKS AND DERRICK, LINE UP DYNAMATIC ON DRAWORKS, FIRE UP BOILER CIRCULATE STEAM												
7	12/3/2014				AWORKS, FIRE UP BOILE FLOOR, RUN PASON AND							
8	12/4/2014		DUCTOR AND NIPPL	E UP FLOW LINE. PÌC	S)TRACTION MOTOR, INST CK UP BHA, DRILL F/110 T/							
	12/5/2014	DRILL F/ 284' T/1015, R				IS AND SURVEYS						
10	12/6/2014		MP SWEEP AND CIRC		PER TRIP TO BIT AND BAG ER TRIP TO 2500' AND BA							
11	12/7/2014	TRIP OUT OF HOLE, RIC CIRCULATE FOR CEME	G UP WEATHERFORI NT AND RIG UP HAL T RETURNS. TEST C	D CASING CREW, RU LIBURTON CEMENT I ASING. WAIT ON CM	BLS LCM SWEEP THROUG N 78 JOINTS OF 9 5/8" SUI EQUIPMENT, PUMP CEME ENT, RIG UP TO PUMP TO	RFACE CASING, NT, PLUG BUMPED						
12	12/8/2014	WEAR BUSHING, MAKE		N HOLE. DRILL SHOE	ND CHOKE,TEST BOP TO TRACK- FIT TEST TO 460							
13	12/9/2014	DRILL F/4025' T/5234 RC	DUTINE RIG SERVICE	E, DRILL F/5234 T/ 60	084 SURVEYS AND CON	NECTIONS						
	12/10/2014	DRILL F/6084' T/ 7288 R										
	12/11/2014	DRILL F/7288' T/ 8459 R				D WIDER TOIS TO						
16	12/12/2014	SHOE, CIRCULATE SWE		E, SURVEYS AND CO	ONNECTIONS, CIRC SWEE	P, WIPER TRIP TO						
17	12/13/2014		PER TRIP,SPOT 10%	LCM,TRIP OUT,LAY	DOWN BHA,LOG,PICK UP	NEW BHA,TRIP IN TO						
18	12/14/2014	TRIP TO BOTTOM,SAFT SURVEY	EY REAM, DRILL F/ 9	9260 TO 9618, WORK	ON TOP DRIVE,RIG SERV	ICE, CONNECTION						
	12/15/2014	8			WD,ORIENT AND SLIDE F.	9739 TO 9812						
	12/16/2014	BUILD CURVE,RIG SER	,									
	12/17/2014	SWEEP,SPOT WALNUT			TRIP TO KOP, TRIP IN, C	RCULATE						
2000	12/18/2014	TRIP OUT TO KOP,LAY			OT DIO LID OWAGO OFFICE	TEOT BOD						
1999	12/19/2014 12/20/2014	TEST BOP & CASING, SE	ET WEAR BUSHING,	CUT DRILL LINE,PICK	ST,RIG UP SWACO CHOKE (UP BHA,RUN 4" DRILL PII							
25	12/21/2014	WEATHERFORD, DRILL DRILL 10' FORMATION,F MWD,TRIP IN HOLE LAY	FIT EMW 13,TROUBL	E SHOOT MWD,SPOT	ESHOOT MWD TOOL TECD,SAFTEY STAND DO	WN, TRIP OUT FOR						



Daily Activity and Cost Summary

Well Name: RW 44-25B

.PI 13-047-517	19 S25	ace Legal Location 5-T7S-R23E		Field Name RED WASH	County UINTAH	State UTAH	Well Configuration Type Horizontal
Inique Well ID JT100124		und Elevation (ft) 5,549.	Casing Flange Elevation (ft) 5,54	9.30 Current KB to GL (ft) 30.00	30.00	Date 11/18/2014 08:00	Dry Hole TD Date 1/5/2015 09:30
RPT#	Start 12/23/2014	D	RILL,CONNECTION SUR ALLIBURTON, LOGGERS		Summary FRIP OUT FOR BOND L	OG & MWD,WORK BH	A,BOND LOG WITH
28	12/24/2014	R	UN ACUSTIC BOND LOG IG SERVICE. DRILLING I URVEYS				
29	12/25/2014	T	RILLING F/10862 T/1095 11208, CONNECTIONS /	AND SURVEYS			
30	12/26/2014		RILLING F/11208 T/1133 ND SPOT ECD PILL, TRI				
31	12/27/2014		RIP IN HOLE WITH NEW IG SERVICE, DRILL F/11			TTOM. DRILLING F/114	431 T/11515, ROUTINE
32	12/28/2014	D	RILLING F/11790 T/11989	9. RIG SERVICE, DRILL	ING F/11989 T/12285 C	CONNECTIONS AND SU	IRVEYS
33	12/29/2014	D	RILLING F/12285 T/1246	2. RIG SERVICE, DRILL	ING F/12462 T/12871, (CONNECTIONS AND SI	JRVEYS
34	12/30/2014	D	RILLING F/12871 T/1324	9, RIG SERVICE, DRILL	ING F/13249 T/ 13626'	CONNECTIONS AND S	URVEYS
35	12/31/2014	D	RILLING F/13626 T/1394	I, RIG SERVICE, DRILL	ING F/13941 T/ 14267',	CONNECTIONS AND S	SURVEYS
36	1/1/2015	В	RILLING F/14267 T/1428 T MOTOR ORIENT MWE AMMA F/14182' T/14287'	, TRIP IN TO SHOE @1	10,220', CHANGE SWIV		
37	1/2/2015	D	RILLING F/14332 T/ 1481	0. RIG SERVICE, DRILL	ING F/14810 T/15187,	CONNECTIONS AND S	URVEYS
38	1/3/2015		RILLING F/15187 T/15510 15645' T/15679', CONNE			WORK TIGHT HOLE AF	TER SLIDE, DRILL
39	1/4/2015		RILLING F/15679 T/15689 G SERVICE, DRILLING F				LING F/15689 T/15879.
40	1/5/2015	[_/	RILLING F/16088 T/16150 AYDOWN DIR. TOOLS, M DTTOMS UP, REAM OUT	IAKE UP REAMING ASS			
41	1/6/2015	RI	EAM OUT LATERAL SEC	TION			
42	1/7/2015	17223	EAM LATERAL SECTION ABBIT	, PUMP SWEEPS, WIP	ER TRIP TO SHOE, PU	MP ECD PILL, BEADS,	SLUG & DROP
43	1/8/2015	P.	O.O.H, PJSM R/U WEAT	HERFORD, RUN 4 1/2"	LINER		
44	1/9/2015	BI LI	ONTINUE TO RUN 4 1/2" BLS THRU FLOATS, DRO NER TOP TO 5,000 PSI F ALLIBURTON, R/U WEAT	OP BALL, R/U BAILS HA F/15 MIN, RELASE FRO	LLIBURTON TEST TO S M LINER, DISPLACE H	9,800 PSI, SET LINER V	WITH 9,145 PSI, TEST
45	1/10/2015	LA	Y DOWN DRILL PIPE &	HWDP, PULL WEAR BU	JSHING, RIG UP & RUN	4 1/2" TIE BACK STRII	NG
46	1/11/2015	TO	JN TIE BACK, CIRCULA ⁻ D 4000psi, SET PACKOFI ANKS & RD TOP DRIVE	F & TEST TO 4000psi, L	D LANDING JOINT, INS	STALL BPV, RD CSG C	REW, CLEAN MUD
47	1/12/2015		EAN MUD TANKS, 3 X 4 RANE, HAUL TO NEW LO				OAD ON TRUCK, R/U

QEP Energy Company Page 2/2 Report Printed: 3/18/2015



Perforations

API 43-047-51719		e Legal Location		ASH		County UINTAH			State UTAH			onfiguration Type	\neg			
Unique Well ID UT100124	Gr Elev (ft)	Current Elevation 49.3 5,579.30, SST 88 - F	KB 30	KB to CF (f	t) Spu	d Date 1/18/2014		Dry Hole TD 1/5/20	Date		pth (All) (ft, i	KB)				
Horizontal	- Original Ho	le, 3/18/2015 3:51:54 PM	Perfora	tions												
	Vertical sche	ematic (actual)	Date	_		Completion			Top Depth (ft, I	KB)			epth (ft, KB)			
minimum managaran		япанс (actual)	2/7/201	5 Company		<zonena Conveyano</zonena 		ginal Hole				9,915.0				
***	, &		Cutters			Wireline			Gun Size (in)		3 1/8	Carrier Ma	аке			
₩	111/			ity (shots/ft)		Charge Type			Phasing (
~~~~			1			6.0								60		
		8,900 0-8,915 0 Completion, representer - Original Hole	Orientation	1					Orientation Me	thod						
*10		— Shot Dens 6.0 Calculated Shot Total 91 Pristing 60 10.000 0.00 (16.0 Completion streaments Dispired Hole	Over/Unde	r Balanced	P Over/Und	der (nei)	TEL MD Bo	fore (ft, KB)	FL MD After (ft	KB)	P Surf Init	(nei)	P Final Surf (psi	si)		
*10		8 900 0 8 811 0 Completion represents - Organi hole Connect Book -	Over/oride	i Dalariceu	I Overrond	iei (psi)	I L WID DE	iore (it, Itb)	I E MD Aitel (II	, ND)	- Suit illict	(psi)	F Fillal Sull (psi	''		
- <u>- 2</u> 1			Reference	Log												
54.7		10.375 D-10.376 O. Completion, reprenament, Original Hole Current Status:														
<b>'</b> [] ]		es Stot Dens: Calculated Shot Total 1 Pleasing	Calculated	Shot Total										91		
		10.556 6-10.557.0; Completion, representative Drightal Hole Current Status:	Doufous	tion Ctot										- 31		
	,———	Direct Cess Moral Cess Calculated Short Total: 1 Phrasing: 19.7710 0.10,771 B. Completion: <a href="https://compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/compress.org/c&lt;/td&gt;&lt;td&gt;Date&lt;/td&gt;&lt;td&gt;tion Stat&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Status&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Com&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;·17 1&lt;/td&gt;&lt;td&gt;-&lt;/td&gt;&lt;td&gt;Current States  Shot Dens: Calculated Shot Total: 1 Plasting&lt;/td&gt;&lt;td&gt;Date&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;otatus&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Com&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;7&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;10,996 0-10,997 0, Completon, raprename+, Original Hole&lt;br&gt;Current Status:&lt;/td&gt;&lt;td&gt;Date&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Completion&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Top Depth (ft, I&lt;/td&gt;&lt;td&gt;(B)&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Bottom De&lt;/td&gt;&lt;td&gt;epth (ft, KB)&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;T I&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Shot Cents Calculated Shot Total: 1 Phasing&lt;/td&gt;&lt;td&gt;2/7/201&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;zonena&lt;/td&gt;&lt;td&gt;me&gt;, Ori&lt;/td&gt;&lt;td&gt;ginal Hole&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;10,105.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;11,169 D-11,170 D. Completion: reprename», Original Hote&lt;br&gt;Current Status:&lt;br&gt;— Deta Cens.&lt;br&gt;Casculated Stock Total: 1&lt;br&gt;Philading&lt;/td&gt;&lt;td&gt;Perforation&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Conveyand&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Gun Size (in)&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;0.440&lt;/td&gt;&lt;td&gt;Carrier Ma&lt;/td&gt;&lt;td&gt;ike&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;'I ]&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Plasting 11.337 Ø-11.338 Ø-Completon: «conerame», Original Hole Current Datus:&lt;/td&gt;&lt;td&gt;Cutters&lt;/td&gt;&lt;td&gt;ty (shots/ft)&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Wireline&lt;/td&gt;&lt;td&gt;Charge Ty&lt;/td&gt;&lt;td&gt;200&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;3 1/8&lt;br&gt;Phasing (°)&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;17 1&lt;/td&gt;&lt;td&gt;-&lt;/td&gt;&lt;td&gt;Curret Status  Shot Dans: Calculated Shot Total: 1 Phasing&lt;/td&gt;&lt;td&gt;Shot Densi&lt;/td&gt;&lt;td&gt;ity (shots/it)&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;6.0&lt;/td&gt;&lt;td&gt;Charge Ty&lt;/td&gt;&lt;td&gt;þe&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;rilasing ( )&lt;/td&gt;&lt;td&gt;,&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;60&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;j&lt;/td&gt;&lt;td&gt;11:541 0-11:512 0: Completion: -conename &gt; Original Hole Current Status  Shot Dans.&lt;/td&gt;&lt;td&gt;Orientation&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Orientation Me&lt;/td&gt;&lt;td&gt;thod&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;4 1&lt;/td&gt;&lt;td&gt;0&lt;/td&gt;&lt;td&gt;= Shot Desi:&lt;br&gt;Calculated Shot Total: 1&lt;br&gt;Phasing:&lt;br&gt;11.122.0 t.1123.0; Completion: &lt;zonenama+, Original Hidle&lt;br&gt;Current Status&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;To 0 11&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;I=: = .&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;- 明 -&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Shet Dans. Calculated Shot Total: 1 Phasing&lt;/td&gt;&lt;td&gt;Over/Unde&lt;/td&gt;&lt;td&gt;r Balanced&lt;/td&gt;&lt;td&gt;P Over/Und&lt;/td&gt;&lt;td&gt;ler (psi)&lt;/td&gt;&lt;td&gt;FL MD Bef&lt;/td&gt;&lt;td&gt;fore (ft, KB)&lt;/td&gt;&lt;td&gt;FL MD After (ft&lt;/td&gt;&lt;td&gt;, KB)&lt;/td&gt;&lt;td&gt;P Surf Init (&lt;/td&gt;&lt;td&gt;(psi)&lt;/td&gt;&lt;td&gt;P Final Surf (psi&lt;/td&gt;&lt;td&gt;i)&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;11.846.0-11.847.0; Completion: &lt;a href=" https:="" td="" www.near-e<=""><td>Reference</td><td>Log</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></a>	Reference	Log												
	9\$ 	Phasing: 12:127 G-12:128 D. Completion: <a href="https://doi.org/10.100/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.0001/10.000&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;ין דעי&lt;/td&gt;&lt;td colspan=4&gt;1,2/2/ 6/12 to Competen - spineares - Organization Competence Control (Inc.)  Considered Short Total 1  Planting&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;12.343 0.12.344 0, Completion rapnename», Original Hole&lt;br&gt;Current Statis. — Deut Dens&lt;br&gt;— Deut Dens&lt;br&gt;Planing&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td colspan=10&gt;&lt;/td&gt;&lt;td&gt;91&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;u&gt;, 1&lt;/u&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Plesing:&lt;br&gt;12.556.0-12.557.0, Completon -conename+, Orginal Hole&lt;br&gt;Current Statu:&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td colspan=9&gt;Perforation Statuses&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;'J 1&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Shot Dens: Calculated Shot Total 1&lt;/td&gt;&lt;td&gt;Date&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td colspan=3&gt;tatus&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Com&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Phasing: 12:56 0-12:57.0 Completon: sconename+, Original Hole Current State. — Della Desis. — Calculated State 1: Pleaning:&lt;/td&gt;&lt;td&gt;Date&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td colspan=3&gt;Completion&lt;/td&gt;&lt;td&gt;Top Depth (ft, k&lt;/td&gt;&lt;td&gt;(B)&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Bottom De&lt;/td&gt;&lt;td&gt;epth (ft, KB)&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;1 1&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Phasing  12.943 D-12.944 D. Completion: representative, Original Hole Current Status&lt;/td&gt;&lt;td&gt;2/7/2015&lt;/td&gt;&lt;td&gt;5&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;ginal Hole&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;(0)&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;10,376.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;" td="" 厅"<=""><td></td><td>Shot Dens: Calculated Shot Total 1 Phasing:</td><td>Perforation</td><td>Company</td><td></td><td>Conveyance</td><td></td><td></td><td>Gun Size (in)</td><td></td><td></td><td>Carrier Ma</td><td>3.70</td><td></td></a>		Shot Dens: Calculated Shot Total 1 Phasing:	Perforation	Company		Conveyance			Gun Size (in)			Carrier Ma	3.70	
<b>•</b>	9	13.155 0-13.156 0; Completion: <asmeniare*, current="" dens:<="" hole="" original="" shot="" status="" td=""><td>01-1-0</td><td>1 . (-11-10)</td><td></td><td></td><td>I 01 T</td><td></td><td></td><td></td><td>DI : (0)</td><td></td><td></td><td>12</td></asmeniare*,>	01-1-0	1 . (-11-10)			I 01 T				DI : (0)			12		
T I		= Dat Dens Calculated Shot Total 1 Pleasing: 13 369 0-13 370 0. Completion representative, Original Hole	Shot Densi	ty (snots/it)			Charge Ty	ре			Phasing (°)	ł.				
行行	-	Current Status  - Shat Dens: Calculated Shot Total: 1  Phasing	Orientation				l		Orientation Me	thod						
ja j		13543 0-13544 0 Completion repnarame», Original Hole Current State: = 540 Dans: Calculated Shot Yotal 1 Pleasing														
4 1		Calculated Shot Total 1 Phasing 13.764 5-13.765 0. Completon: <a href="consenance">consenance</a> . Original Hole	Over/Unde	r Balanced	P Over/Und	ler (psi)	FL MD Bef	ore (ft, KB)	FL MD After (ft,	KB)	P Surf Init (	psi)	P Final Surf (psi	ı)		
		Current Status   Shat Dums  Calculated Shot Total 1  Phasing:	Reference	Log												
		13975 D 13976 C Completon +zonename+. Original Hole Current Status Shot Dens		3												
	*	Sted Dans Calculated Shot Total 1 Phasing: 16.197.0-16.198.0: Completion - zonename > Original Hole Commit State: Commit State:	Calculated	Shot Total												
	3	Calculated Shot Yotal 1 Phasing:	-											1		
		14.370 D.14.371.0 Completon represente: Original Hole Current Status. — Onct Dens.		tion Stat												
	ml.	Current status. —Dott Dens —Dott Dens Calculated Shot Total 1 —Phesing: 14.551 0.14.552 0.Completon. sconename+, Original Hole	Date	_		Status					Com					
		14.551 0-14.552 0 Completon repnename». Organi Hole Current States — Delta Dans — Delta Dans — Phalang	Date			Completion			Top Depth (ft, k	'D\		Bottom Do	epth (ft, KB)			
	Í	14 724 0-14 725 0: Completion: roonsname+: Original Hole Current Status = Shot Dens. Calculated Shot Yold: 1 Persong	2/6/2015	5				ginal Hole		(0)		10,557.				
			Perforation			Conveyanc			Gun Size (in)			Carrier Ma				
	<b></b>	14.931.0.14.932.0.Completon. <conename>, Original Hole Current Status #Bott Dens Calculated Shot Yook 1 Photology Photology</conename>							6 2							
.4		15,143 0-15,144 0. Completon. sponename+, Original Hole Current Status	Shot Densi	ty (shots/ft)			Charge Typ	pe			Phasing (°)					
	8	= Shot Dens: Calculated Shot Total: 1 Phasing	Orientation						Orientation Met	hod						
	ļ.——	15:307.0-15:308.0. Completion: representative. Original Hole Current Dates — Short Dens Castulated Short Total: 1 Pleasing														
		meating 15521-0-15522-0 Completion: <conenene». dignal="" hole<br="">Current Batta: — Set Dens. Carcitated Shot Total: 1 Pleating</conenene».>	Over/Unde	r Balanced	P Over/Und	er (psi)	FL MD Bef	ore (ft, KB)	FL MD After (ft,	KB)	P Surf Init (	psi)	P Final Surf (psi	.)		
			Reference	l on												
	ļ	15 883 0-15 884 0 Completon «zonerame», Organi Hole Current Status - Dest Dens Caculated Shot Total: 1 Pleasing	Kelerence	Log												
•	i,	15.883.0-15.884.0. Completon reprename». Original Hole Current Status:	Calculated	Shot Total												
	ľ	= Dist Dens Calculated Stort Trait 1 Phasing 18015 0.15018 S.Completon <annanana> Original Hole Courset Status</annanana>												1		
I I		Comet State - Shat Dess - Calculated Shot Total 1 - Phasing														
יל לין יל	4															
	-															



# **Perforations**

API	Surface Legal Location	Field Name County State Well					Well Cor	figuration Type					
43-047-51719	S25-T7S-R23E		RED WA	ASH	U	INTAH	- 11 - 70	UTAH	T		Horizo		
UT100124	r Elev (ft) Current Elevation 5,549.3 5,579.30, SST 88 - KI		KB to CF (ft		d Date 1/18/2014		Dry Hole TD 1/5/201			oth (All) (ft, F al Hole -	кв) 16,150.0		
	Original Hole, 3/18/2015 3:51:54 PM	Perforat	ion Stat	100000000000000000000000000000000000000						0			
Ve	ntical schematic (actual)	Date			Status					Com			
1 1	<b>W</b>	The state of the same of the same			Completion			Top Depth (ft, h	KB)		Bottom Der		
(A)     M	M	2/6/2015 Perforation				<zonename>, Original Hole Conveyance Method</zonename>					10,771.0 Carrier Make		
~~~~1] []								Gun Size (in)					
	Settle Settle Comprision represents - Organistic Control Otton Control Control Otton Control Con	Shot Densit	y (shots/ft)			Charge Ty	oe			Phasing (°))		
- 13 (1)	prisoning to 0.00 Completion represents - Drightal Hote Completion represents - Drightal Hote Completion - Sport Dean 8.0 Declared Short Total 9.1	Orientation	entation					Orientation Method					
		Over/Under	Balanced	P Over/Und	der (psi)	FL MD Bef	ore (ft, KB)	FL MD After (ft	, KB)	P Surf Init ((psi)	P Final Surf (psi)	
	10 315 010 319 C Completion represents - Original Holia Course flobs. 504 Dess Concluded Shall 1 Proceedings of their 1 Process	Reference I	.og									170	
# #-	10.556.0-12.557.0, Completon representarily, Original Hole Committees See Desc. Caucitant Short Total 1 Prissing	Calculated	Shot Total									1	
· • • • • • • • • • • • • • • • • • • •	Cored Data. Cautier Dat for 1. Particle 2711 Completion represents Organi Hole Cored State. Cored State. Consolidation for 1. Person	Perforat	ion State	uses									
	10.998 0-10.997 D. Completon, reprenamer, Original Hole Current Status	Date			Status				Com				
A H	— Dot Dess. Calculated Shot Total 1 Pleasing 11.188 0-11.170 p. Completion - zonerame», Organi Hole Current Status.	Date			Completion			Top Depth (ft, h	/D\	Bottom Dep	th (# VD)		
T I	is 1486.511.170 p. Completon - commande. Original Holes Comme (State. Shot Design. Colorated Shot Total 1 Presting.	2/6/2015					ginal Hole		(6)		10,997.0		
# ₩	11 337 0-11 338 D Completon recoverame», Original Hele Curvet Discs — Shot Dens Celebrated Shot Total 1 Philosophy	Perforation	Company		Conveyand	e Method		Gun Size (in)			Carrier Mak	е	
	11 541 6-11 542 D Completion rizonerame* Drightel Hose Current States that Dans Concluded that Total 1 Pressing	Shot Densit	y (shots/ft)			Charge Ty	ре			Phasing (°)			
宇 野	11.122.0-1.123.0. Completion represents. Original Hale Current States. Part Dens: Concluded Shot Total. 1 Philosopy	Orientation						Orientation Method					
	11 MAS 0.11 M 7.0 Completion represents - Drignal Hole Current States - One Dates Challette Driet Tatal 1 Phasing - 121 Tatal 1 Completion - processing - Drignal Hole	Over/Under	Balanced	P Over/Und	ler (psi)	FL MD Bef	ore (ft, KB)	FL MD After (ft,	KB)	P Surf Init (psi)	P Final Surf (psi)	
	12.175 0-12.180 Completion represents - Original hole Gunnet Status - Other Dans Calculated than 1 tal 1 Pleasing 12.343 0-12.344 0 Completion represents - Original hole	Reference L	.og										
	123/3 D1334 C Completion, represents A Organi Hole Curvet Statis Druf Dere Phane Phane Phane Phane Phane Phane Phane Curvet Statis Curvet Statis Deres Statis	Calculated S	ed Shot Total										
	Declared Decl Total 1 Pleasing: 12.766 0-12.767.0. Completion -consensmen. Original Hole Connet Stops	Perforat	ion Stati	tuses							1		
	Dur Dere. Calculated that Total 1 Pleasing: 12.845.012.845.Completion represents: Driginal Hole Completion.	Date		5	Status	Com							
· · · · · · · · · · · · · · · · · · ·	Current States — Shot Ders — Calculated Druct Total 1 Pressurg	Date			Completion			Top Depth (ft, KB)			Bottom Depth (ft, KB)		
康 劇-	13.155 0.13.156 0. Completion represents - Original Hole Current Status - Short Decs Calculated Short Total 1 Phasing	2/6/2015	2				inal Hole				11,170.0		
, ja 4j.	13:569 0-13:370 0, Completon, rzonename», Ongraf Hole Current Status	Perforation	Company		Conveyand	e weinod		Gun Size (in)			Carrier Mak	е	
	Des Dens. Concluded Deut Total 1 Pleasing 13,543,511,544,0, Completion representation, Original Hotel Connect Status.	Shot Densit	y (shots/ft)			Charge Typ	oe .			Phasing (°)			
	Dur Dans. Calculated Drist Trail 1 Pleasing 13,784 0,785 0, Completion - convenents - Original Hole Current Status.	Orientation						Orientation Met	thod		100)		
T I	Curriet date. Dot Chee Calculated Droft Stall 1 Pleasing 19 875 5 19 876 0, Completion *zonerame*, Original Holle Curriet Date.	Over/Under	Balanced	P Over/Und	ler (psi)	FL MD Bef	ore (ft, KB)	FL MD After (ft,	KB)	P Surf Init (psi)	P Final Surf (psi)	
	— She Dens Calculated Shet Total 1 Phasing:	Reference L	.og										
11 11	16,147-0-16,148.0 Completion represents - Original Hole Current States - One Dans Calculated that Total 1 Philating	Calculated S											
· · · · · · · · · · · · · · · · · · ·	14.370.0.4.391.0. Completion represents: Original Hole Current States One Date. Concluded Shot Total 1 Prinsing:	Culculated	onot rotal									1	
	14,551 014,552 0 Completion, representable Organi Hole Owner Dates Char Chen Caucled that Total 1 Pleasing	Perforat Date	ion Stati		Status					Com			
, j	14.724.0-14.725.0 Completion - sponename > Original Hole Current Status	Date			otatus					Com			
	Phising 14.331.0-14.332.0 Completion represents. Organi Hole Current Dates Declared Date 1 Phising Phising 1.55 -	Date			Completion		T0 1509(2007) 90	Top Depth (ft, K	(B)		Bottom Dep		
	District Dest. Total 1 Pleaning 15,143-515,144-0 Completon represented, Original Hole Comet Clause.	2/6/2015 Perforation	Company		Conveyano		jinal Hole	Gun Size (in)			11,338.0 Carrier Mak		
[4] [4]	15.13 - 15.15 - 10 Campleton, represents - Organi Note Current States - Del Best - Del Best - Organization - Organization - Organization - Physical - Organization, represents - Organi Note Current States	Shot Densit	y (shots/ft)			Charge Typ	ре			Phasing (°)			
	— Dot Dans Cardward Shat Potal 1 Peaking 15.521.0.15.572.0 Completion -constraints -, Original Hole Current Status	Orientation	1.30					Orientation Met	thod				
	Creet Base Defector D				ler (psi)	FL MD Bef		FL MD After (ft,		P Surf Init (osi)	P Final Surf (psi)	
Over/Under Balanced P Over/Under (ps Carel State) State State State Companies conversaries. Organ Hose Carel State) Total State					(POI)		5 (11, 110)	. 2 mo Anor (II,	,		F 3·1	(poi)	
	Det Den Carculared that 1 fell 1 Placing 18.50 18.018 0 Completion represents Dispital Hole Curred Calles		_										
T T	Ser Dess. Claudiated that Total 1 Priving	Calculated S	Shot Total									1	
4 1													



Perforations

API			Field Name			unty		State			Well Cor Horizo	nfiguration Type		
43-047-51719 Unique Well ID	S25-T75 Gr Elev (ft)	Current Elevation	on		RED WA		d Date	NTAH	Dry Hole TD		Total Dep	pth (All) (ft, h		iiiai
UT100124		.3 5,579.30, 8					1/18/2014	08:00	1/5/201	15 09:30	Origina	al Hole -	16,150.0	
WANDO I TODO CHINA	Original Hole, 3 Vertical schema	3/18/2015 3:51:54 tic (actual)	PM	Perforat Date	on Stati		Status					Com		
				Date			Oldido					00		
	W W			Date			Completion			Top Depth (ft,	KB)		Bottom De	
₩				2/6/2015 Perforation (<zonena Conveyano</zonena 		ginal Hole	11,541.0 Gun Size (in)			11,542.0 Carrier Mal	
~~~~!] [		~~~~~	~~~~	, onorallon	Joinpany		Convoyano	o moulou						
	8 800 Curren	0-8915 0 Completon reprename+ Original H e Status lens 5.0	٠.	Shot Density	(shots/ft)			Charge Ty	pe			Phasing (°)	)	
38 B	Phase 13 000 Curve Divid D	0-8 815 0 Completion represente - Original H COLUMN CHEST STATE BY Level STATE BY Level STATE BY Level STATE STATE BY COLUMN COMPLETION - COMPLETION - Original Level STATE STATE BY Level STATE STATE BY gr STATE Gr ST	/ Hole	Orientation						Orientation Me	ethod			
	Press	g 60		Over/Under	Ralanced	P Over/Un	der (nei)	FL MD Bef	ore (ft KR)	FL MD After (f	KR)	P Surf Init (	'nei)	P Final Surf (psi)
<b>4</b> 1	10.375 Curen	i D-10 376 O. Completon. <corerame> Origina t Datus: ens. sets divided Total: 1 gr</corerame>	Hole	Over/orider	Dalariceu	- Over/on	uei (psi)	I C MD Dei	ore (it, itb)	TE WD Alter (I	ι, πο	J. Sull lille	(P3i)	T Tillal Gull (psi)
T I	Shot D Calcula Phasin	lens sted Shor Total 1 V		Reference L	.og									***
4 9	10 554 Curren Shel D	5 5-10 557.0. Completon. <zonename> Origina t Status: lens</zonename>	Hole	Calculated S	Shot Total									
i i	Calcula Preson 19,770 Current Short D	ers sted Shot Total 1 9 S 10,771 0 Completion repnenamen, Original Classics	Hole											1
H K		ers: sted Shot Total: 1 g		Perforati	on State							0		<del>///</del>
	10 998 Curren Shot Calcula Phasin	D-10997.0 Completion reprename». Original Editors lens Red Drot Total 1 g	H)4	Date Sta								Com		
	11,169 Curen	I D 11,170 0, Completon: «zonename», Onginal d Status ens: ensi Shot Total: 1	Hole	Date			Completion			Top Depth (ft,	KB)		Bottom De	
		g (,611,338.0, Completon, «conename», Organa ( Datus	l Hole	2/6/2015 Perforation 0			<zonena Conveyano</zonena 		ginal Hole	11,722.0 Gun Size (in)			11,723.0 Carrier Mal	
T T	Shot D Calcula Phasin	ens sed Shot Total: 1 g	-014	Penoration	Joinparty		Conveyanc	e Metriod		Guil Size (III)			Carrier War	ve.
	Shar D Calcula	0-11-542-0: Completion reprename* Original I Status ens land Shot Total 1 g		Shot Density	(shots/ft)		•	Charge Ty	ое			Phasing (°)		
	11,722 Current Shot O Casula Phasin	g LO 11,723 D. Completion. repnename», Original Status ems. Red Shot Total: 1 g	Hole	Orientation						Orientation Me	ethod			
i i	11,946	0-11,947.0: Completion, vizonename», Original	Hole	Overall lander	Dalamand	In Overfile	dos (noi)	FL MD Bef	oro (# I/D)	EL MD After (f	L IZD)	D Cuef loit /	'noi\	D Final Curf (pai)
	Phase Phase 12,127 Current	ers, ded Shot Total 1 9 0 12 129 0, Completion, «zonename», Original 6 Status	Hole	Over/Under	Balanced	P Over/Un	der (psi)	FL MD Bei	ore (II, KB)	FL MD After (fi	(, KB)	P Surf Init (	psi)	P Final Surf (psi)
H E	13.173 51.1216 Complation connections - Digital field Control Mail.  Description - Digital Control Mail - Digital - Digit		i Hole	Reference L	og	•								
	Shut D Cakula Phase	t Status ents abed Shot Total 1 g		Calculated S	Calculated Shot Total									
	12,556 Current Shot C Calculat	(0.12.557.0 Completion «zonename». Origina (Status e-si lend Shot Total 1 g	Hole											
	12.766	g I 0-12,787 0; Completion +zonename+, Original t Status ems. sted Shot Total 1	Hole	Perforation Statuses										
	12,543 Guren	0-12544 0: Completion «zonename», Original • Status	Hole	Date Status								Com		
	Shall D Calcula Phase	ers sted Shot Total 1 g		Date			Completion			Top Depth (ft, I	KB)		Bottom Depth (ft, KB)	
	Current Shall D Calcula Phasin	D-13.156.0: Completion +zonename+. Original t Status ero. shed Shot Total 1 g		2/6/2015 Perforation 0			<zonena Conveyano</zonena 		ginal Hole	11,946.0 Gun Size (in)			11,947.0 Carrier Make	
<b>}</b> 1	15 369 Curren	0.13.370.0 Completion «zonename», Original Ediatus		Torrordion	Jonipany		Comregane	0 111001100		Carrolle (iii)			Carrier ma	
	13,543 Curen	ens, red Shot Total: 1 9 1 0 13 544 0, Completion: «zonename», Original t Status	Hole	Shot Density	(shots/ft)			Charge Ty	ре			Phasing (°)		
15L _B1		ens. ded Shot Total 1 0 1 5 13 785 0: Completion repnename», Ongine 1 5 mass	l Hole	Orientation		•				Orientation Me	thod			
	Current Shot D Calcula Phase	(Status 475 and Shot Total 1 9		Over/Under	Ralanced	I D Over/I Inc	der (nei)	FL MD Bef	ore (ft KR)	FL MD After (ff	KB)	P Surf Init (	'nei\	P Final Surf (psi)
<b>押</b> 申	13.975 Current Shot D Calcula	0.13.976.0; Completion: rzonenamen, Origina i Status emi, ked Shot Total: 1 g	Hole	Overrorider	Dalaricca	- GVCIIOII	aci (poi)	TE MID DOI	010 (II, 11D)	TE MID Filler (II	ι, πο,	r carring (	poi)	T Titlat Gall (psi)
	14.147 Curren Shot D	g 5 14 1480 Completon «zonename» Origina forma lens lens field Shof Total 1 g	Hole	Reference L	og									-
is Pi	14.370 Curen	0-14-371-0 Completion vzonename». Original		Calculated S	Shot Total									
	Shot D Calcula Physio	ers shed Shor Total 1 © 1.514,552.0 Completion representer, Original (Status												1
	Current Shot D Calcula Phasin	s Status lans aled Shot Total 1 9		Perforati	on Stati		Ctatus					Com		
	14 724 Curen	D14 725 0' Completon «zonename» Orgina ( Status Mins	Hole	Date	-		Status					Com		
		ensi eled Shot Total 1 9 1.5-14 932 D. Completon: «conename», Digina 6 Status	Hole	Date			Completion			Top Depth (ft, I	KB)		Bottom De	
'l k	Shat D Calcula Phasin	ens sted Shot Total 1 G		2/6/2015 Perforation (			<zonena Conveyano</zonena 		jinal Hole	12,127.0 Gun Size (in)			12,128.0 Carrier Mal	Market and the second s
	Shot D Curen Shot D Calcula Phasin	8 5-15 144 0 Completion Reprename*, Original 6 Obsts: lens alled Shot Total: 1 G	Hole	renoration	Joinparty		Conveyano	o moniod		Garroize (iii)			Cumor war	
	15 307 Curen	t. 5-15-308 D. Completon, repnename v. Drigna c Status lens: etec Shot Total 1	Hule	Shot Density	(shots/ft)			Charge Typ	oe			Phasing (°)		
	Phasin 15 521 Curen Dut D	g IS-15522 D. Completon. <conename>. Diginal filtrations lans. and Shot Total 1 g</conename>	Hole	Orientation			-			Orientation Me	thod			
15 683 0.15 684 0. Completion supplementary Dropped Hole				Over/Under	Balanced	P Over/Und	der (osi)	FL MD Bef	ore (ft. KR)	FL MD After (ff	KB)	P Surf Init (	nsi)	P Final Surf (psi)
Curve Date  Post Green  Post Green  Post Green  Post Green  Post Green  Date of the St. Completion oppositions to Cognet Note  1 88 80 5 15 88 85 Completion oppositions to Cognet Note				3.576766		3137011	-3. (201)		- (.1, 1.10)	- Line rates (II	., ,	. con mic (	r/	, our (poi)
	Calcula Phasin	ated Shot Total: 1		Reference L	og									
# <b>#</b>	18 015 Curvan Shot O Calcul Phase	5 G 15 G 15 B , Completion - veorename + Origina e Status e-rs ated Shor Total: 1 g		Calculated S	Shot Total									
														1



# **Perforations**

API		e Legal Location		ield Name			County			State			figuration Type
43-047-51719 Unique Well ID	S25-7 Gr Elev (ft)	T7S-R23E  Current Elevation		RED WA		d Date	INTAH	Dry Hole TD	UTAH	Total De	pth (All) (ft, I	Horizo	ntal
UT100124	5,5	49.3 5,579.30, SST 88 - KE	3 30		30.00 11	/18/2014	5 F2 C2		15 09:30		al Hole -		
		e, 3/18/2015 3:51:55 PM	Perforati Date	on Stat		Status				-	Com		
ranional annual annual annual a	nonanan da kara	matic (actual)											
<b>%</b>	<b>X</b>		Date 2/6/2015			Completion		ginal Hole	Top Depth (ft,	KB)		12,344.0	
			Perforation (	Company		Conveyand		giriai i ioio	Gun Size (in)			Carrier Make	
H 6		8,800 0.6,915.0 Completon represented Diginal have Current Status.	Shot Density	(shots/ft)			Charge Ty	pe			Phasing (°)	)	
	<b></b>	Curret Obdas. — Poid Des 19 Des 20 De							lodantatian Ma	. i   i	15013		
* 270 Y	V"	Current Data.  "Box Den 40  Calculated Short Total 51  Phasing 60	Orientation	1					Orientation Method				
	1	10.375 G-10.375 D. Completon, represente P. Onginal Hole Current Status	Over/Under	Balanced	P Over/Und	ler (psi)	FL MD Bef	ore (ft, KB)	FL MD After (f	t, KB)	P Surf Init (	(psi)	P Final Surf (psi)
		Der Cent. Caculater Shot Total 1 Phoning	Reference L	og									•
		10 555 0-15 557 0. Completion - zonename > Original Hole Current State:	Calculated S	hot Total									1
4 4	¥	Pleasing 10.170 0-10.71 0. Compileton, repnename», Original Hole Curvet Status - Data Gents - Data Gents - Cataland Shot Total: 1 Pleasing - Pl	Perforati	on State	uses								·
j j	<b>y</b>	10,998 0-10,997 0, Completion, rapnename+, Original Hole	Date		67.255A.655.55	Status			Com				
		Control of the Control of	Date			Completion	,		Top Depth (ft,	KB)		Bottom Der	oth (ft. KB)
T B		= Det Dets: Celulated Stat Total: 1 Placing 11.337.0-11.338.0 Completion -constants-, Original hole	2/6/2015			<zonena< td=""><td>ame&gt;, Ori</td><td>ginal Hole</td><td>12,556.0</td><td></td><td></td><td>12,557.0</td><td>)</td></zonena<>	ame>, Ori	ginal Hole	12,556.0			12,557.0	)
ų į	1	11.337 0-13.540 (Completon representative, Original Hole Content Basis Basis Desti Calculated Shot Trade 1 Presing	Perforation (	Company		Conveyand	e Method		Gun Size (in)			Carrier Mak	ce .
	•	11541-0-11542-0-Completion represents - Original Hole Current Status - Bott Dens - Brott Dens - Pricery	Shot Density	(shots/ft)			Charge Ty	ре			Phasing (°)		
使用		reason.  11.732.0-11.733.0 Completon representes, Organi Hole Curret Status.  Det Otes Det Otes Hole Stat I feeling	Orientation						Orientation Method				
		11.58.5.0.1.58.7.0. Completon represente - Organi Hise Course State. — Dot Dess. — Dot Dess. — Columed Dess. — Principal - Course State - Course -	Over/Under	Balanced	P Over/Und	ler (psi)	FL MD Bef	ore (ft, KB)	FL MD After (f	t, KB)	P Surf Init (	(psi)	P Final Surf (psi)
	Core Place  Order			og									
· 中 自	•	Shat Dans Calculated Shot Total 1 Phases	Calculated S	hot Total									1
		12.355.0.11.557.0. Completion represents - Original Hole Current Ober. — Delta Over. — Delta Over. — Phenory. 12.256.0.11.257.0. Completion represents - Original Hole Committee	Perforati	on State	uses								<u>'</u>
		Shot Dens Calculated Shor Total 1 Phasing	Date			Status					Com		
	1	12.943.0.12.944.0.Completon: «zonename». Original Hole Current Status. — Shot Decs: Calculated Shot Total: 1 Philating.	Date			Completion	1		Top Depth (ft,	KB)		Bottom Dep	oth (ft. KB)
<b>静</b> 单	1	13:55 0-13:55 0; Completon - szonename». Driginal Hille Current Status. — Data Cent. Caculated Stat Total 1 Pillang	2/5/2015			<zonena< td=""><td>ame&gt;, Orig</td><td>ginal Hole</td><td>12,766.0</td><td></td><td></td><td>12,767.0</td><td>)</td></zonena<>	ame>, Orig	ginal Hole	12,766.0			12,767.0	)
44.		13.369 G-15.370 D. Completon. rizonename+, Original Hole	Perforation (	company		Conveyand	ce Method		Gun Size (in)			Carrier Mak	se .
		Current Status  Bota Cents  Bo	Shot Density	(shots/ft)			Charge Ty	ре			Phasing (°)		
I I		= She Desir Celulated Shot Tool: 1 Phasing 13,764 G 13,765 0, Completon reprename > Original Hole Current Status	Orientation						Orientation Me	thod			
	1	Shot Dens. Calculated Shot Total 1 Phasing	Over/Under	Balanced	P Over/Und	ler (psi)	FL MD Bef	ore (ft, KB)	FL MD After (f	t, KB)	P Surf Init (	psi)	P Final Surf (psi)
	1	13.975.0.13.978.0. Completion: «zonename», Original Hole Current Status. Schools of the Total 1 Presing	Reference L	20				1000		VI (C.			W 100
		14.147 6-14.148 0 Completion reprename». Original Hole Current Statu. — Druc Certs Calculated Short Total 1 Phasing:	Kelerence L	Jg									
		14.370 0.14.371.0 Completion Homename», Original Hole Current States. — Date Dans — Calculated Shot Total 1 Pleaning — Pl	Calculated S	hot Total									1
	-	Friedrick 14 552 C Completon Azonerama», Organi Hole Current Status — Shar Dans — Castulated Shot Total 1 Phoning — Phoning	Perforati	on Stat	uses								
		14 724 6 14 725 0. Completon, reprename + Original Hole Current States	Date		5	Status					Com		
I I		= She Den Calculated She I fost 1 Presing 14 831 0-14 832 0 Completon -contrame > Orginal Hole Current State	Date			Completion			Top Depth (ft,	KB)		Bottom Dep	oth (ft, KB)
	1	Shot Dens     Calculated Shot Total 1     Phasing	2/5/2015 Perforation 0	`omnany		<zonena Conveyano</zonena 		ginal Hole	12,943.0 Gun Size (in)			12,944.0 Carrier Mak	<u> </u>
ė d		15.143 0-15.144 0 Completion, sporenamex, Original Hole Current Status — Brut Dent Calculated Shot Total 1 Phrasing				Conveyant			Our Oize (iii)		<b>2</b>	***	
	-	15 307 0-15 308 0 Completion representer, Original Hole  Current Status  - Shot Dens Calculated Shot Total 1  Philosing	Shot Density	(shots/ft)			Charge Ty	pe			Phasing (°)		
	-	15 521 0-15 522 0 Completion represente > Original Hole Current Datas — Data Dens Casculated Dota Total 1 Philosing	Orientation				•		Orientation Me	ethod	•		
Concession Time 1  15 330-15 450 3 Companion -commanue - Copyrd mais Command Time 1  Concession Time 1  Security of Time 1  Security of Time 1  Security of Time 1				Balanced	P Over/Und	ler (psi)	FL MD Bef	ore (ft, KB)	FL MD After (f	t, KB)	P Surf Init (	(psi)	P Final Surf (psi)
<u>ė</u> į	1	15.883.0-15.884.0. Completion, rigonenamen, Dirginal Hole Curret Status — Shot Dens Calculated Shot Total: 1	Reference L	og									
	1	Phasing 16.015.0-16.015.0.Completon «zonename». Original Hale Current Status - Shat Dens Calculated Shot 1 stat 1 Phasing	Calculated S	hot Total									
7		watered											1



# **Perforations**

API		ce Legal Location		Field Name			ounty		State			onfiguration Type			
43-047-51719 Unique Well ID	Gr Elev (ft)	-T7S-R23E Current Elevation		RED WA		d Date	INTAH	Dry Hole TD		otal Depth (All)					
UT100124		549.3 5,579.30, SST 88 - l ole, 3/18/2015 3:51:55 PM		tion Stat		1/18/2014	08:00	1/5/201	15 09:30 C	Original Hole	e - 16,150.0	)			
Horizoniai -	Vertical sch	ematic (actual)		lion Stat		Status				Cor	m				
		ematic (actual)	ш. П			Io			Too Dooth /ft VI	2)	I Dettem D	anth (# IZD)			
W	. W		Date 2/5/201	5		Completion <zonena< td=""><td></td><td>ginal Hole</td><td>Top Depth (ft, Kt 13,155.0</td><td>&gt;)</td><td></td><td colspan="2">Bottom Depth (ft, KB) 13,156.0</td></zonena<>		ginal Hole	Top Depth (ft, Kt 13,155.0	>)		Bottom Depth (ft, KB) 13,156.0			
~~~ <b> </b>	Hun		Perforation	Company		Conveyand	e Method		Gun Size (in)		Carrier Ma	ake			
		8 500 0 8 915 0 Completion representer Dignal Hole Curred Data Debugged Hole 10 10 10 10 10 10 10 10 10 10 10 10 10	Shot Densi	ty (shots/ft)			Charge Ty	ре		Phasin	ng (°)				
-# #		Pleasing 60 1 20 Completon isonename - Original mole Current States - Dec Completon isonename - Original mole Dec Dec State 5 20 Total 31 Pleasing 60 1	Orientation		14				Orientation Meth	Method					
	ğ	10.375-0-10.376 O. Completion represente: Original Hole Creen Street	Over/Unde	r Balanced	P Over/Und	der (psi)	FL MD Bef	fore (ft, KB)	FL MD After (ft, I	KB) P Surf	Init (psi)	P Final Surf (psi)			
	1	10,375 0.10,376 0. Completion representer - Original India Curred Otals. Calculated Otal Total 1 Pressing	Reference	Log											
	<u>'</u>	10.556 0-10.557.0. Completion: «consmana». Ongleal Hole: Convert States: Dea Davis: Calculated Shot Total 1 Placing: 10.1729 0-10.771.0. Completion: «consmana». Ongleal Hole:	Calculated	Shot Total								1			
ŢŢ	*	Painty 0:1271 0. Completen repnemens, Organi Hale State of State State Of State State Of State Cestivated State Total 1 Pleasing		tion Stat											
	+	10.898 0-10.897 0, Completon repnerame». Drignal Hole Current Status. — Druc Dess. C aboutled Shot Total: 1 Plansing	Date			Status				Con	n				
		11.168 0-11.170 0, Completon: «zonename», Original Hole Current Datus: — Dest Cless Casculated Dost Total: 1 Phasing	Date			Completion		-:	Top Depth (ft, KE	3)	Bottom De 13,370.	epth (ft, KB)			
		11.337 G-11.338 D, Completon - represente y, Original Hole Guinert Status Shot Dens Casculated Shot Total: 1 Planing Planing	2/5/201			Conveyand		ginal Hole	Gun Size (in)		Carrier Ma	18.00			
		11:541:6-11:542-0:Completon represame - Original Hole Current Status Brid Gens Calculated Shot Total 1 Pleasing	Shot Densi	ty (shots/ft)			Charge Ty	ре		Phasin	ng (°)				
	-	11.122.0-11.723.0, Completen - romename - , Ongred Hole Current State: The Opins. Cesturated State Total 1 Phasing	Orientation						Orientation Meth	lod					
	Convertibution Concluded, Short Your 1 Pleasing			r Balanced	P Over/Und	der (psi)	FL MD Bef	ore (ft, KB)	FL MD After (ft, I	KB) P Surf	Init (psi)	P Final Surf (psi)			
	Correct States Concluded that State			Log					unice allowed and						
		bit Dans Calculated Start I total 1 Phasing 12:556 D3:2557.0; Completon +zonerame+, Original Hole Come Pines C	Calculated	culated Shot Total 1											
		Dist Desi: Des	Perfora	rforation Statuses											
		Participant Completion represent Programme Participant Hole Droughest Celebrated that Total 1 Person 2.2 And 0.17.54.0 Completion representation Controlled Total 2.3 And 0.17.54.0 Completion representation Controlled Hole 2.3 And 0.17.54.0 Completion Controlled Hole 2.3 And 0.17.54.0 Controlled Hole 2.4 An	Date		(Status				Con	n				
	-	12 M3 0-12 M4 0. Completon reprenants - Original Hole Current States — Des Opera: Catalidate Short Total 1 Phening	Date			Completion			Top Depth (ft, KE	3)		epth (ft, KB)			
東 東	1	13.155.0.13.156.0; Completon reprename». Original Hole Current States — Dru Opers Calculated Shot Total 1 Prissing	2/5/2018 Perforation			<zonena Conveyano</zonena 		ginal Hole	13,543.0 Gun Size (in)		13,544. Carrier Ma				
护 引		13 368 0-15 310 D, Completon - Zonename + , Original Hote Course Status — Discribers - Consider Status - Consider Status 1 Physical Physical -	Shot Densi	ty (shots/ft)			Charge Ty	ре		Phasin	ng (°)				
使制		13.543.0.13.544.0.Completon representer. Original Hole Convert Status — Dra Cless Calculated Shot Total: 1 Proxing	Orientation						Orientation Meth	nod	to the state of th				
	ı——	11.764 0-11.765 0. Completon repnensmer. Orginal Hole Current Status — Deal Ches Casculated Deal Total 1 Phasing								(1523)					
ê ê	ı——	13.975.0.13.976.0. Completon represames. Original Hole Current Status. Shad Dens. Castulated Shat Total 1 Pleasing.			P Over/Und	der (psi)	FL MD Bef	ore (ft, KB)	FL MD After (ft, I	(RB) P Surf	Init (psi)	P Final Surf (psi)			
	1	14.147.614.148.0.Completon represente > Original Hole Current Status - Shot Ones - Shot Ones - Calculated Shot Total 1 Princing	Reference												
		14.370.614.371.0 Completon represente > Original Hole Current Status — Ded Den's Ded Den's Casculated Shot Total 1 Pleaning	Calculated	Shot Total								1			
	1	14.551 0.14.552.0 Completon ikonenamie». Original Hole Current Status Desi Olesi Casculated Diot Total: 1 Phasing		tion Stat	COURT DY SOURCE CO.										
		14.724 G-14.725 D: Completon, «zonename». Original Hole Current Plana.	Date			Status				Con	n				
		— Did Des. Calculard that Total 1 Place; 14 931, 4 932 0 Completon, roperame». Drigne Hole Current Balas	Date 2/5/2015	 :		Completion		ginal Hole	Top Depth (ft, KE	3)	Bottom De 13,765.	epth (ft, KB)			
m_ m		Description Codes Description Codes of	Perforation			Conveyand		giriai i iole	Gun Size (in)		Carrier Ma				
'A B		— Date Dates Casulated Shot Food 1 Phoning 18 307 0-18 308 0 Completion represents - Original Hotel Current Status	Shot Densi	ty (shots/ft)			Charge Ty	ре		Phasin	ng (°)				
1 4		— Dect Dess Calculard Det Total 1 Presting 15521 0:15922 0 Completion represente, Original Hote Curret Balas — Det Dess Calculard Dect Total 1 Presting	Orientation						Orientation Meth	nod					
15 15 15 15 15 15 15 15 15 15 15 15 15 1			Over/Unde	r Balanced	P Over/Und	der (psi)	FL MD Bef	ore (ft, KB)	FL MD After (ft, I	KB) P Surf	Init (psi)	P Final Surf (psi)			
	1	— that Dens Calculated Dot Folia 1 Pleasing 1883 0-1888 0 Completion representer, Original Hole Curret Dates — that Det Dens Calculated Dot Folia 1 Pleasing Pleasing The Completion 1 Pleasing The Complet	Reference Log												
	I	Phasing 18 015 015 016 0 Completon - zonename > Original Hole Carent Statis - Der Dere Calculated Stat Total 1 Phasing	Calculated Shot Total												
· •												1			



Perforations

API				Field Name RED WASH			ounty JINTAH	State UTAH			Well Configuration Type Horizontal		
Unique Well ID UT100124	Gr Elev (ft) 5 549	Current Elevation 0.3 5,579.30, SS	T 88 - KB 30	KB to C		oud Date 11/18/201	4.08:00	Dry Hole TD	Date 15 09:30		epth (All) (ft, al Hole -)
		3/18/2015 3:51:55 PM		ration S	Statuses	11/10/201	4 00.00	1/3/20	15 09.50	Origin	iai noie -	10,150.0	,
	Vertical schema	atic (actual)	Da	ate		Status					Com		
	₩.		Date 2/4/20	15		Completio		ninal Hole	Top Depth (ft, 13 975 0	KB)		13,976	epth (ft, KB)
				ion Compa	iny	<pre><zonename>, Original Hole Conveyance Method</zonename></pre>			Gun Size (in)			Carrier Make	
			Ch-4 Da		- (6)	- A	To: -				In		
	SAX Care Care	0 0-8.915 0, Completion, repnename *. Original Hote ert Status Dens 5 0 Jated Shot Total 91	Shot be	nsity (shot	5/1()		Charge Ty	/ре			Phasing (°)	
	10 00 Current Photo Calcon Photo Pho	0.0 8815 0. Completion repotename». Dignal hole est Status. Pore 10. To see	Orientat	ion					Orientation M	ethod			
	10.27	75 G-10 375 D. Completion: <corename+, hole<br="" original="">int Status</corename+,>	Over/Ur	der Baland	ced P Over/U	nder (psi)	FL MD Be	fore (ft, KB)	FL MD After (ft, KB)	P Surf Init	(psi)	P Final Surf (psi)
II		Const. Jeled Short Total 1 Ing	Referen	ce Log									
T T	10.55 Curre Shel Calcu Prasti 10.77	56 b 18 557 d. Completon vzonerome». Orginal Hole et Ozios: Polit Stat Tatal 1 rog: TO d 1877 l D. Completon, vzonerome». Orginal Hole et Ozios: Dans Jamed Ond Total 1	Calculat	ed Shot To	tal								1
i i	Det i Calcul Plans	Paris Jared Shot Total: 1 Ing	Perfo	ration S	tatuses		•						
# #	10,99 Cure Shot	6 0.10,997 0, Completion: reprename», Original Hole of Status. Dens: Dens: (Apple Shot Total: 1 ing Shot Total: 1	Da	te		Status					Com		
H L	11,16 Cure	8 0-11,170 D. Completon: «zonename», Original Hole of Status.	Data			10							
ı I	Short Celcul Phase	Owns Jamed Shok Total: 1 Ing	Date 2/4/20	15		Completio <zonena< td=""><td></td><td>ginal Hole</td><td>Top Depth (ft, 14.147.0</td><td>KB)</td><td></td><td>14,148.</td><td>epth (ft, KB)</td></zonena<>		ginal Hole	Top Depth (ft, 14.147.0	KB)		14,148.	epth (ft, KB)
	Calcul Phase	17 G-11: 338 D' Completon i rzonerame», Original Hole et Statis Dens: Jaled Shot Total: 1 ng	Perforat	on Compa	ny		ce Method		Gun Size (in)			Carrier Ma	
	Calcul	1 6 11 542.0: Completon: roomenems > Dirginal Hole of States Dens lated Shot Total: 1 rig 0 0 0 11 723.0 Completon: companymax (Direct Hole of Completon: Completon: companymax (Direct Hole	Shot De	nsity (shots	s/ft)		Charge Ty	pe			Phasing (°))	
		ng 2011.723 0, Completion, roomenamex, Original Hole of Otios. Dees dees dees dees deed from Total: 1 ng 6.011.947.0, Completion, roomenamex, Original Hole et Otios.	Orientati	on					Orientation Me	ethod			
	Shot C Celcul Phase	Dens. Bated Shot Total: 1 ng:	Over/Un	der Baland	ed P Over/U	nder (psi)	FL MD Bet	fore (ft, KB)	FL MD After (f	t, KB)	P Surf Init ((psi)	P Final Surf (psi)
护 皇	12.34	7 D-12 128 0. Completion inconservers, Original Hole of Status. 15 Status 16 Status 17 Status 18 Status	Referen	ce Log									
		Ders Hand Dink Total 1 Ng 6 0-12557 D. Completion I szorename 1. Dirginal Hole et Dunis Seas Seas Ont Total 1 Ng Hand Dink Total 1	Calculate	ed Shot To	tal								1
	12.764 Curen	6 0-12,767.0; Completon. <zonename>, Dirginal Hole H Status</zonename>	Perfo	ation S	tatuses								
		Dens. lated Shot Total 1: ng:	Da	te		Status					Com		
停息	12.941 Curren Shot O Calcula	3 0-12 944 0; Completion «zonename». Original Hole et Status Pens Jens abed Short Total 1 19				10		**					
		vs 5 - 13,156 D, Completon: «zonename». Original Hole et Status Jens and ded Shot Total: 1 gg gg gg gg gg gg gg gg gg	Date 2/4/20	15		Completion <zonena< td=""><td></td><td>ginal Hole</td><td>Top Depth (ft, 14,370.0</td><td>KB)</td><td></td><td>Bottom De 14,371.</td><td>pth (ft, KB) 0</td></zonena<>		ginal Hole	Top Depth (ft, 14,370.0	KB)		Bottom De 14,371.	pth (ft, KB) 0
		ated Short Total 1 gg 513.370 0 Completion, «zonename», Ongraal Hole et Sitasis et Sitasis aled Short Total 1 gg 9 gg 9	Perforati	on Compa	ny	Conveyan	ce Method		Gun Size (in)			Carrier Ma	ke
	13.543 Curen	3 0-13 544 0. Completion, rzonename r. Original Hole d Status	Shot De	nsity (shots	s/ft)		Charge Ty	ре			Phasing (°)		
	13.764 Curen	Nens and Shot Total 1 g 6 0-13,755.0 Completion roonename> Original Hole 5 Com is Nens	Orientati	on					Orientation Me	thod			
	Fileson	hers and Shie Total 1 gr 5 0 13 976 0, Completon, szonenamek, Onginal Hula 4 Status dens aked Shiel Total 1 gr gr	Over/Un	der Balanc	ed P Over/Ur	nder (psi)	FL MD Bef	ore (ft, KB)	FL MD After (fi	t, KB)	P Surf Init ((psi)	P Final Surf (psi)
	14.147	ared their role: 1 (F.5-14,148 D. Completon: roonename», Original Hole (Solation) ared Short Total: 1 (F.5-14)	Reference	ce Log									
	14,370	g 1 0-14 371 0. Completion reconstruity. Original Hole 6 Status lens seled Short Total: 1 g g	Calculate	ed Shot To	tal								1
	14,551 Current	6-14-552 b. Completon kzonenamek, Original Hole	Perfo	ation S	tatuses								
a e		iens and Shot Total 1 9 9 I S-14 725 S. Completion: «zonename»: Original Hole 1 Status	Da	te		Status			***		Com		
T T	Current Shot D Calcula Phases	t Status News Saled Short Yotal 1 19											
	14,931 Curent Shot D	(.0.14.932.0. Completon, rizonename). Original Hole of Status	Date 2/4/20	15		Completion		ginal Hole	Top Depth (ft, I	KB)		Bottom De 14,552.0	pth (ft, KB)
	15,143 Current	iers erd Shot Total 1 g g 5 0 15 144 O Completon, vasnenamen, Drigmal Hole f Status	1207	on Compar	ту	Conveyand			Gun Size (in)			Carrier Ma	
	Calcula Phasing 15 307 Current Shot C	eers seed Doot Fotal 1: 9 (5) (6) (5) (6) (5) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6	Shot Der	sity (shots	/ft)		Charge Typ	ре			Phasing (°)		
94 19	15.521 Current	red Shot Total 1 9 - 0-15.522 C. Completion: «zonename», Original Hole 62 Status 64 Shot Total 1 9 9	Orientati	on					Orientation Me	thod			
	15 683 Curant	g I G-15,584 D. Completon -zonename+. Original Hole I Status I Status I Status I Status Toral: 1 g g	Over/Un	der Balanc	ed P Over/Ur	der (psi)	FL MD Bef	ore (ft, KB)	FL MD After (ft	, KB)	P Surf Init (psi)	P Final Surf (psi)
·F 7	15 893 Curent Shot Or Calcula	0-15.884 0, Completon inconename», Original Hole Status ens. del Shot Total: 1	Reference	e Log									1
	16 015 Current Shat D Calcular Photos	© D-16016 D. Completion is zonename in Original Hole Status ens ded Shor Total 1 g g	Calculate	d Shot Tol	al								
'	740	-	and sure companies (see 5.2)										1



Perforations

^{АРІ} 43-047-51719		egal Location 7S-R23E	Field Name County State RED WASH UINTAH UTAH					Well Configuration Type Horizontal						
Unique Well ID UT100124	Gr Elev (ft) 5,549	Current Elevation 9.3 5,579.30, SST 88 - KE		KB to CF (ff		d Date 1/18/201		Dry Hole TD 1/5/201	Date 15 09:30		pth (All) (ft, I al Hole -			
Horizontal -		, 3/18/2015 3:51:55 PM	Perforat		And de major and residence of the control of the co									
	Vertical schem	natic (actual)	Date			Status					Com			
		полинический выправлений выполний высолний выполний выполний выполний выполний выполний выполний высолний выполний выпол	Data			I Camalatia			Top Depth (ft,	KO)		Inetters De	-15 /6 I/D)	
287	3 88		Date 2/4/2015			Completion <zonena< td=""><td colspan="3">onename>, Original Hole 1</td><td>KB)</td><td></td><td>14,725.0</td><td></td></zonena<>	onename>, Original Hole 1			KB)		14,725.0		
			Perforation			Conveyan		9	Gun Size (in)			Carrier Make		
			Shot Densit	/ (shots/ft)			Charge Ty	00			Phasing (°)			
**************************************	- 36.56	800 D-8.915 D, Completon, szonenamek, Ongrad Hole omet Status, od Dem & D Routered Strot Total 91 sanna 80	Onot Bensit	y (ShotSht)			Charge Ty	pe	5.54					
•#1 6	1000	exclused both Total 31 states (1) to 10	Orientation				-		Orientation Me	ethod				
			Over/Under	Balanced	P Over/Und	der (psi)	FL MD Bef	fore (ft, KB)	FL MD After (f	t, KB)	P Surf Init ((psi)	P Final Surf (psi)	
7	- 2	1376 0-13376 0, Completion Inconnecte's Original Hole original of Demis of Demis (Cubed Dec Total 1)	Reference L	.po										
ă ă	,	1556 b 16 557.0. Completon, «conename», Original Hole ment Status												
II	50 50 60 10	ment Colus. of Denis included Gine Tital 1 storing 1700 bits 7110 Completion, represente 1, Original Hole rend Column	Calculated S	Snot Fotal									1	
T T	500	or Duns: crutated Shot Total: 1 shing	Perforat	ion Stat	uses									
, j	10,	1996 0-10 997 0 Completion represente v. Original Hole ment Datus. of Dec. of Decs. (Iculated Dec Total 1 enting.	Date		(Status					Com			
ÄÄ	11. Cu	aking	Date			Completion	,		Top Depth (ft,	KB)		Bottom Dep	th (ft KB)	
T Tr			2/4/2015					ginal Hole		(CD)		14,932.0		
· · · · · · · · · · · · · · · · · · ·		337.0-11.338.0.Completon -constame -, Organi Hole energ Batus of Ches sucked Book Total 1 sixty	Perforation (Company		Conveyand	ce Method		Gun Size (in)			Carrier Mal	e	
	Cur So Cur Ph	541 5-11 542 0; Completon inconentment Original Hole ment Subsider of Dens (subsect from 1 otal 1) song	Shot Density	y (shots/ft)			Charge Ty	ре			Phasing (°)			
静 草	Orientation Orientation Method						ethod							
ā ā	Dut Cont				P Over/Und	lor (poi)	FL MD Bef	FL MD After (ft, KB) P Surf Init		In Confibit /	(noi)	P Final Surf (psi)		
	12	127 B-12 129 D. Completion -conename > Original Hole	Over/Under	balariceu	- Over/one	iei (psi)	I L WID Bei	ore (it, KB)	rt wo Aitei (i	ι, ΝΟ)	P Sull lill (psi)	P Filial Sull (psi)	
14 8	Cal Pro 12 Car	of Dees : Student Onc Total 1 string : \$45.012.544.0 Completon contrame Organi Hole rest Status .	Reference L	.og										
34 14		343 0-12344 D Completon representer Chighel Hole event State. Miller Short Total 1 string 556 0-12547 D, Completon representer P, Onghal Hole man State.	Calculated S	Shot Total									1	
	Sec.	ment datus: til Densi suddet Brot Total: 1 storing: Storing Total: 1 storing: SES 0.12.50. Completion representers. Original Hole ment Basis	Perforat	ion Stat	IISAS									
	S C S	ment Salans of Dens: coloring studied Shot Total 1 sting	Date			Status					Com			
	12) Cur Sec Cui	343 0-12,344 0, Completon: rzonename», Orginal Hole med Status do Dens Isulated Briet Total 1 esting												
		155 0-13 156.0: Completion isomeramen, Original Hole ment Status	Date 2/4/2015			Completion <zonena< td=""><td></td><td>ginal Hole</td><td>Top Depth (ft, 15,143.0</td><td>KB)</td><td></td><td>Bottom Dep 15,144.0</td><td></td></zonena<>		ginal Hole	Top Depth (ft, 15,143.0	KB)		Bottom Dep 15,144.0		
		at Dens United Shot Total 1 Integral Shot Total 1 Integral Shot Shot O Completion -convenients-, Original Hole Integral Status	Perforation (Company		Conveyand			Gun Size (in)			Carrier Mak	е	
TI	Car Pa	of Dens. iculated Shot Total: 1 esing	Shot Density	(shots/ft)		20000	Charge Ty	pe			Phasing (°)			
·疗 型	Sec.	543 0-13 544 0 Completion repneramer, Original Hole ment Datus of Dens evided Dhot Yorki 1 sking	Orientation						Orientation Me	ethod				
	112 Cor Cor	764 6-13-765 0. Completion i zonename i Driginal Holle med Status of Cers of Cers	Onoritation						Orientation wie					
i i	131	sang 215. 513.278 O. Completion «zoneneme». Organal Hole ore Status. or Chem. Studied Bot Total 1 seang	Over/Under	Balanced	P Over/Und	ler (psi)	FL MD Bef	ore (ft, KB)	FL MD After (f	t, KB)	P Surf Init (psi)	P Final Surf (psi)	
	14. Gur	147.0-14.148.0: Completion: <zonename> Original Hole ment Status:</zonename>	Reference L	og	-									
i i		of Cers. Suitante Short Total: 1 string: 370 0.14.371.0 Completion -zonename+ Original Hole rent Status.	Calculated S	Shot Total										
TI	Do Coli Pro 143	370 0-16 371 0 Completon i zonename: Original Hole eved States. 10 Communication of Communication of Communication for the Communication of Communication of Communication strong States of Completon i zonenames. Original Hole eved States.	D ((01-1									1	
F T	Co.	rent points of Cens is Used Shot Total 1 issing	Perforati Date	on Stati		Status					Com			
中中	Cor Cor Cor	724 6-14 725 0: Completion is zonename > Original Hole med Ottos ut Chen outland from 1 of the 1 string				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					00111			
	14.1 Cur	931 & 14 932 0 Completon <zonerame». hole<br="" original="">nert Status</zonerame».>	Date 2/4/2015			Completion	me>, Orig	rinal Hala	Top Depth (ft,	KB)		Bottom Dep		
101 101		of Dens. studed Short Total 1 seting 143 0-15, 144 0 Completion, Azonenamex, Original Hole most Status.	Perforation (Company		Conveyand			15,307.0 Gun Size (in)			15,308.0 Carrier Mak	<u> </u>	
	Cei Pa	of Cens of Cens Shot Total 1 principal Shot Total 1	Shot Density	(shots/ft)			Charge Ty	ne l			Phasing (°)			
	9.0	307 to 15 300 C Completion *connement*, Original Holle med Status incident Blook Total: 1 string \$31.0 of 15 27 O Completion *connement* Original Holle med Status Status Completion *connement* Original Holle med Status	5004540x (80034 00000000A)/(80034	(SHOUSHL)			Onlinge Ty				T flasing ()			
· P	Sur Cai	act of the Section Companies Commander Companies Commander Command	Orientation						Orientation Me	thod				
1683 0-1584 0 Compation - Community - Compatinos Compat					P Over/Und	ler (psi)	FL MD Bef	ore (ft, KB)	FL MD After (f	t, KB)	P Surf Init (psi)	P Final Surf (psi)	
. . . .	15 i	883 0-15.884 0. Completion representer. Original Hole med Ottos of Charles suitand from Total: 1 sing	Reference Log											
	161 Cur	315 D-18 316 D. Completon i zonename > Original Hole mert Status of Dens Cultand Stat 1 Total 1 issing	Calculated S	Shot Total										
	-			De des									1	



Perforations

API	Surface Legal Location	n	Field	i Name		Co	ounty		State				nfiguration Type
43-047-51719	S25-T7S-R23E	Elevation	RE	D WAS	TAXABLE DAY		INTAH	Dry Hole TD	UTAH Date	Total De	pth (All) (ft, k	Horizo	ntal
UT100124	5,549.3 5,579.	.30, SST 88 - KB 30		30	0.00 11	/18/2014			15 09:30		al Hole -		
	Original Hole, 3/18/2015 (Vertical schematic (actual)	1	oration Date	Status		Status					Com		
		TO THE THE PERSON NAMED IN											X
	W W	Date 2/3/2	015			Completion	me> Ori	ginal Hole	Top Depth (ft,	KB)		Bottom De 15,522.0	
			ation Con	npany		Conveyano		giriai Tiolo	Gun Size (in)			Carrier Mal	
		Shot D	ensity (sh	nots/ft)			Charge Ty	pe			Phasing (°)		
	8 800 0 8 915 0 Completion ratios Current Status Charl Cens 10 Casualend Short Total 91 Pleasing 60 10 500 0 10 10 5 0, Completion - va Current Status	STORY OF STORY					·····g··,		10:				
-17 (Curriet Status Shat Cers 8 0 Calculated Shat Total 91 Plessing 60	Orienta	ation					,	Orientation Me	ethod			
	10375 0 10375 0 Completion 10 Current Dates	35535363	Jnder Bal	anced F	P Over/Und	er (psi)	FL MD Bef	ore (ft, KB)	FL MD After (f	t, KB)	P Surf Init (psi)	P Final Surf (psi)
	Shot Dens Calculated Shot Total 1 Phasing	Refere	nce Log										L.
4	10.556 0-10.557 0. Completion iva Current Status Shed Den Calculated Shed Yotal 1 Plasting	Calcul	ated Shot	Total									
	Celculated that Total 1 Peacing 10.770.0-10.771.0, Completion, ret Current Black Shot Cleris Celculated that Total: 1 Peacing		oration	Status	ses								
ji ji	10,996 0-10,997 0, Completion, 421		Date			Status					Com		
	Shot Dens Calculated Shot Total 1 Pleasing 11,169 0-11,170 0, Completion 120 Curried States	onerame». Original Hole Date				Completion			Top Depth (ft,	KB)		Bottom De	oth (ft KB)
T	Stat Date: 1 Calculated Shot Total: 1 Phasing	2/3/2				<zonena< td=""><td>me>, Orig</td><td>ginal Hole</td><td>15,683.0</td><td>110)</td><td></td><td>15,684.0</td><td>) ` ′</td></zonena<>	me>, Orig	ginal Hole	15,683.0	110)		15,684.0) ` ′
	11.337.0.11.338.0. Completion via Gurred Blass. Drest Dess. Calculated Shot Total: 1 Plassing	renois	ation Con	npany		Conveyand	e Method		Gun Size (in)			Carrier Mal	ke
	11.541 0-11.542 0: Completion ico Current Status Shot Dess: Calculated Shot Foot 1 Phasing	Shot D	ensity (st	nots/ft)			Charge Ty	ре			Phasing (°)		
	11.722 0.17.73 0. Completion not Current State. Duct Dess. Celevitand Shot Total 1 Phasing	Orienta	ation						Orientation Me	ethod			
	11.845.011.847.0. Completion not Current Status Short Dans Catholised that Yotal 1 Pleasing 12.127.012.128.0. Completion not	Over/L	Jnder Bal	anced [P Over/Und	er (psi)	FL MD Bef	ore (ft, KB)	FL MD After (f	t, KB)	P Surf Init (psi)	P Final Surf (psi)
7 1	13.13 61.1310 Cumpation vomenane - Organizate Local Mail Local Mai		ence Log										
	Shot Dens. Calculated Shot Total 1 Phasing:	Calcul	ated Shot	Total									
	12 564 0-12 567 /0 Completion - zo Curret Datus - Shot Dens Carlo Service - Carlo Service - Zan - Carlo Service - Carlo Service - za Carlo Service - Zan - Carlo Service - Zan - Carlo Service - Zan - Carlo Service - Zan	Perf	Perforation Statuses										
	Shot Dens Calculated Shot Total 1 Phasing	Ţ	Date		8	Status					Com		
· · · · · · · · · · · · · · · · · · ·	12 845 0-12 844 0, Completion, val Current Status Shot Dans Calculated Shot Total 1 Phasing	Date	ate			Completion		l	Top Depth (ft,	KB)		Bottom De	oth (ft, KB)
净 •	13 155 D 13 155 D Completon re Curvet States - Shot Dest Clévidated Shot Total 1 Pressing					<zonename>, Orig</zonename>		ginal Hole	15,883.0		15,88 Carrier		
i i	13 369 D-13 370 D, Completion, kg Current Status		ation Con	npany		Conveyanc	ce Method		Gun Size (in)			Carrier war	Ke .
	Sof Dens Calculated Shot Total: 1 Plessing 13,543 D-13,544 D, Completion - sp Current Status		ensity (st	nots/ft)			Charge Ty	pe			Phasing (°)		
	Sof Date Shot Fasi: 1 Plasting 13.746 - 13.756 0: Completion - 4 Current Status	Orient	ation						Orientation Me	ethod			
デ T 神 中	Shot Dens. Calculated Shot Total: 1 Phasing	0	Jnder Bal	anced	P Over/Und	ler (psi)	FL MD Bef	ore (ft, KB)	FL MD After (f	t, KB)	P Surf Init ([psi]	P Final Surf (psi)
74 10	Phasing	Refere	ence Log										
	14.147-014.148.0. Completion is Current Stone. Shot Data. Celeutered Shot Total 1 Phasing												
	Phasing:		ated Shot	lotal									
	14 551 0-14 552 0 Completion Ke Current Status Draft Deats Draft Deats Cisculated Shot Total 1 Phasing	Perf		Status									
<u>a.</u> <u>a</u>	14.724 D 14.725 D Completon <2 Conset State	1 3	Date			Status					Com		
	Plasing	Date	100×10×10			Completion			Top Depth (ft,	KB)		Bottom De	
'4 4	14.531.0 14.532.0 Completion of Current Brist Drut Dens Calculated Shot Total 1 Phensis 15.434.0.5144.0 Completion of	2/3/2 Perfor	2015 ation Con	npany		<zonena Conveyano</zonena 		ginal Hole	16,015.0 Gun Size (in)			16,016.0 Carrier Ma	
伊見	15 143 D 15 144 D Completon se Current Dates Shot Dens Calculated Shot Total 1 Phasing					1755-800-1751 6 ,506,03					IDh: (8)		
·F -	15 307 0 15 308 0 Completion represents Corporal fields Current Dates One Cert Certured Book Tract 1 Peacing		ensity (sl	nots/ft)			Charge Ty	pe			Phasing (°))	
	Princip Princip District State Competen representation Organization The State Competen representation of the State Comp						100		Orientation M	ethod			
	15 683 D.15 684 0 Completion 12 Curriet Black — Det Dens Calculated Shot Fotal 1 Phasing		Jnder Bal	anced	P Over/Und	ler (psi)	FL MD Bef	fore (ft, KB)	FL MD After (t, KB)	P Surf Init ((psi)	P Final Surf (psi)
200 100	15 883 0 15 884 0 Completion rd Curred Dates Shot Ders Coulded from 1 del 1 Passing 18 015 0 18 016 0 Completion rd Curred State 0	Refere	ence Log				-		L				L .
	18 015 015 016 0 Completion re Curies State. ————————————————————————————————————		ated Sho	t Total									
ל ל													



Perforations

9 3-047-51719	Surface Legal Location S25-T7S-R23E		Field Name RED WASH	County	State		guration Type
que Well ID	Gr Elev (ft) Current Elevation			UINTAH Spud Date	UTAF Dry Hole TD Date	Total Depth (All) (ft, KB)	tal
100124	5,549.3 5,579.30, SST 88 - K	_	30.00	11/18/2014 08:00	1/5/2015 09:30	Original Hole - 16,150.0	
Horizonta	II - Original Hole, 3/18/2015 3:51:56 PM		tion Statuses				
	Vertical schematic (actual)	Date		Status		Com	
		"					
W.	118						
	14						
	8 800 9 8 110 Completion represents - Original hisson from the Completion of the Com						
	Calculated Shot Total 31 Pleasing 50 10 000 0 10:10 0. Completion rezonements, Original Incis Current Status						
* 11	Died Dem 6.0 Colorina Stat Stat St. Phasing 60 Phasing 60						
[3]							
74	Current States						
4	Distriction for the first to th						
4							
4	Calculated (that Total 1 Plassing 16.770 0-16.771 0. Completion, representative, Original Hole						
17	11386-01381 Completen conveners Original relate Conventions Original relate Conventions Original relate Conventions Original relate 11 (1770-01371) Completion conveners Original Relate Conventions Original Relate Conventions Original Relate Conventions Original Relate Properties Original Re						
A I							
'I	13 995 5-13 997 0, Completion representer Dirgnal Hole Current Black Coulded Shot Total 1 Pleasing						
	11.165 0.11.170 0, Completon: <corerame>, Original Hole Current Date Date Office Convent Date Tract 1 Pearing</corerame>						
<u> </u>							
· 17 '	11:337 0:11:338 0: Completion - conference - Corgnal Hole Current Status — Det Des — Calculated Dest Total: 1 Peacing						
.0	11:541 0:11:542 0: Completion -zonename* Original Hole Current Data; — Shot Dens Colleged Broat Total 1 Pleasing						
i i	Castivated both Folia 1 Phasing: 11,722.0-11,723.0, Completion - zonename +, Original Hole						
15: 3	11.722.0.11.723.0. Completion, -zonerame», Orginal Hole Connet States — Dot Des — Carciated Dot Total: 1 Pleasing	1					
	11.345 D-11.347.0: Completion reprenamely. Original Hole						
Ä.	Plesng						
	12.127 6-12.128 0. Completion -connection - Original Hole Current States - Drop Ces - Dr						
	12.343 0-12.344 0: Completion rezoneramen Original Hole						
	Phasing						
	12.765 D-12.767.0 Completion represented Driginal Hole						
E 3	ri						
· P · S	Cornet Danis Dou Dens Catechard Shot Total 1 Prisong						
. A.	13.165.0.13.166.0.0						
牌与	13 369 0-13 310 0 Completion represente - Original Hole Current Dates: Dist Clean Completion Total: 1 Pessing						
	13,543 0-13,544 0, Completion, vzonename k, Original Hole Current Status						
	Short Den's Calculated Short Yotal 1 Phasing						
	13.764 O 13.765 O. Completion inspriesment Dispiral Hole Current States Det Dens Causaled that Total 1 Pleasing						
	Presing						
ון דעי	Calculated Shot Total 1 Phasing						
	14.147.0-14.148.0 Completion representer- Original Hole Current States — Drop them — Cacutares Dres Total 1 Pressing						
ĩ j	14 370 6 14 371 0 Completion -convenience - Original Hole						
	Current Datus Des Davis Galculated Don't Total 1 Phasing						
	14.881 0.14.832 0. Completon representation Dright Hole Current State: — Brit Desi — Cestulated that Total 1 Phasing						
	al rang						
- 中 :	Currier Status Dard Cleris Calculated Short Total 1 Phasing:						
	14 531 0-14 532 0 Completion reponenties - Original Hole Current State						
· la T	Did Dens Calculated Shist Total 1 Phasing						
	18.143.018.144 O Completon - concerner». Disput Hole Current Status — Doot Completon - concerner». Disput Hole Calculated Deal Total 1 Phasing						
	Philosop 15.307.0-15.308 © Completion represente - Drighal Hole Current Status						
# 1	Phesing						
	15 521 & 15 522 0 Completon - connenere - Organi Hole Curret Obsta — Del Oten — Cascard Dest Total 1 Photog						
	No.						
	15880-01584 O Completion represents Chipped Hole Connect State ———————————————————————————————————						
<u>.</u> E.£	and Desir Calculated Shot Total 1 Phisting:						
ו עו	J						

RW 44-25B

ell Name W 44-25	5B			Primary Job Type AFE - DRL-AL (artificial lift)	Secondary Job Type Object	ctive	Start Date	Job End Date
RPT#	End Date	Cum Time Log (days)	Day Total (Cost)	Current Ops	Summary		Time Log Hrs (hr)	syscreateuser
AFE - C	⊥ DRL-TU (tube up)	, <dttmsta< td=""><td>art></td><td></td><td></td><td></td><td></td><td></td></dttmsta<>	art>					
Well Name RW 44-25	5B			Primary Job Type AFE - DRL-TU (tube up)	Secondary Job Type Object	ctive	Start Date	Job End Date
RPT#	End Date	Cum Time Log (days)	Day Total (Cost)	Current Ops	Summary		Time Log Hrs (hr)	syscreateuser
	RL-CT (complete	ion), 12/9/	2014 06:00					
Well Name RW 44-25	БВ			Primary Job Type AFE - DRL-CT (completion)	Secondary Job Type Object	ctive	Start Date 12/9/2014	Job End Date 2/17/2015
RPT#	1 12/10/2014 06:00 41,288.68		Current Ops	Summary		Time Log Hrs (hr)	syscreateuser	
					WATER TANK PAD			07051
2	1/22/2015 06:00	1.00			Spot (10) CHI 1,000 bbl frac tanks. Start laying Rock\ transfer line. Waiting on completion (30 sleeves and 2 date 1-27-15).	2 PnP). (Est. frac	24.00	seiffert.contractor
3	1/23/2015 06:00	2.00	16,929.86	Waiting on 24 hr completions.	Continue laying RockWater water transfer line. Waitir (30 sleeves and 2 PnP). (Est. frac date 1-27-15).	ng on completion	24.00	seiffert.contractor
4	1/24/2015 06:00	3.00		Waiting on 24 hr completions.	NU Cameron 4 1/16" 15K frac stack. Pressure test fraction from the state of the psi. Good Test. Bleed to zero and SIW. Continue laying water transfer line. Waiting on completion (30 sleeves frac date 1-27-15).	ing RockWater	24.00	seiffert.contractor
5	1/25/2015 06:00	4.00	1,712.00	Waiting on 24 hr completions.	NU Weatherford 10K flow back manifold. Finish laying transfer line. Waiting on completion (30 sleeves and 2 date 2-2-15).		24.00	seiffert.contractor
6	2/2/2015 06:00	5.00	28,169.20	Waiting on 24 hr completions.	Fill (10) 1,000 bbl CHI frac tanks with fresh water. MI movers. Waiting on completion (30 sleeves and 2 Pn -3-15).		24.00	seiffert.contractor
7	2/3/2015 06:00	6.00	3,638.00	Waiting on 24 hr completions.	MIRU HES frac equipment. MI D & M Hot oiler and he CHI frac tanks to 100*. Prefill HES mtn movers. Prep completion in morning.		24.00	seiffert.contractor
8 2/4/2015 06:00 7.00 3,638.00			3,638.00	Start 24 hr completions.	Drift HES ball drop iron and Caliper HES "dissolvable HES frac equipment. Prime up and test HES main lin backside line to 5,000 psi. Good tests. Load csg, drop #1. Drop dissolvable balls and frac stages #2 thru #6. for HES pump maintenance.	ne to 13,400 psi and p ball and frac stage	24.00	seiffert.contractor

RW 44-25B

RPT#	End Date	Cum Time Log	Day Total (Cost)	Current One	Commence	Time Log Hrs	
	2/5/2015 06:00	(days) 8.00		Current Ops Continue 24 hr completions.	Summary Finish HES pump maintenance. Drop dissolvable balls and frac stages #7 thru #9. Down 3 hrs to MIRU HES sand castle, unload sand and do pump/computer maintenance. Drop dissolvable balls and frac stages #10 and #11. SD and RU HES 4" 20K ball drop iron (replaced 3" 15K iron). At report time, fracing stage #12.	(hr) 24.00	syscreateuser seiffert.contractor
10	2/6/2015 06:00	9.00	7,053.44	Continue 24 hr completions.	Finish fracing stage #12. Drop dissolvable balls and frac stages #13 thru #21. SD for HES pump maintenance and to unload sand (6 hrs total). At report time, fracing stage #22.	24.00	seiffert.contractor
11	2/7/2015 06:00	10.00	3,638.00	Continue 24 hr completions.	Finish fracing stage #22. Drop dissolvable balls and frac stages #23 thru #30. SD for HES pump maintenance, waiting on water and sand (7 hrs total). At report time, waiting on sand.	24.00	seiffert.contractor
12	2/8/2015 06:00	11.00	2,417,563.84	Continue 24 hr completions.	MIRU Cutters ELU while waiting on sand. Plug, perf and frac stages #31 and #32. RDMO Cutters ELU, Weatherford FBE and HES frac equipment. MIRU Weatherford FBE and Cudd 2" CTU. MU ETS 2 7/8" motor/jars with 3.625" 5-blade junk mill. NU and test stack to 8,000 psi. At report time, RIH with EOCT at 5,500'	24.00	seiffert.contractor
13	2/9/2015 06:00	12.00	452,157.82	Continue 24 hr completions	Continue to RIH with CT tagging CFP at 9,900'. DO (2) CFP and (1) sleeve at 10,375.Pump final sweep and POOH. RDMO Cudd CTU and LD tools. RU Weatherford ball catch equipment and start flowing well to sales. Turn well over to production group.	24.00	seiffert.contractor
14	2/10/2015 06:00	12.00	324,675.42	Flowback well	Flowing back well through Weatherford equipment. Charges include trucking, washed pipe, inspection, and flowback operations. Flowed well back from 2/9/15 to 3/10/15		05127
15	2/13/2015 06:00	12.00	7,430.08		CONTRACT WORK		50170
16	2/17/2015 06:00	12.00	5,425.30		CONTRACT WORK		50170
17	2/26/2015 06:00	12.00	51,018.38		CONTRACT WORK		50170

947517190000

Sundry Number: 61643 API Well Number: 43047517190000

Downhole Well Profile

ગ 3-047-51719	Surface Legal Loc S25-T7S-R23			Field Name RED WASH		County	Н	State UTAH		Well Configur		
nique Well ID	Gr Elev (ft) Cur	rent Elevation	1/D 00	KB to CF (ft)	Spud Da	ate	Dry Hole 1	TD Date	Total Depth (A	All) (ft, KB)		
T100124 pe	5,549.3 5,5	579.30, SST 88 -	KB 30	30.00	11/18	3/2014 08:0	00 1/5/2	2015 09:30	Original H	ole - 16,150.0	***	
C	Des	Make	Model	WP (ps	i)	Service		WP Top (psi))	Top Ring Gasket	Bore Min (in	
Hori	izontal - Original Hole,	3/18/2015 3:52:32 P	M	Casing St	rings							
	Directional scher	matic (actual)				T	00.5-)				Set Depth (
THIN HATHAY (A) III TH'AIT	NOTIVUTITA ITA UTA TOLITUA ITITT			CONDUC	Csg Des FOR		OD (in)	Wt/Len (lb/ft) 94.00	Grade K-55	Top Thread WELD	KB)	
			521.0-15,522 liding Sleeve;				9 5/8	40.00	HCP-110	LT&C	3,45	
			5,683.0-15,68 Sliding Sleeve	. LIL BY TOR			4 1/2	15.10	HCQ-125	CDC/C	9,27	
			15,883.0-15,8	INTERME	DIATE		7		HCP110	LTC	10,31	
	મિક્ષે એ એ એ એ એ એ એ એ એ એ એ એ એ એ એ એ એ એ એ		Sliding Sleev 16,015.0-16				4 1/2	15.10	HCQ125	CDC/C	16,110	
Section 1	tari didiki di	intrintri in intri in income de la come de l		Perforatio		Ton (ft, KB)	Btm (ft, KB)		Completies		
				2/7/2015	,	Тор(9,900.0	9,91	5.0 <zone< td=""><td>Completion ename>, Original I</td><td>Hole</td></zone<>	Completion ename>, Original I	Hole	
				2/7/2015			10,090.0	10,10	5.0 <zone< td=""><td>ename>, Original I</td><td>Hole</td></zone<>	ename>, Original I	Hole	
				2/7/2015			10,375.0			ename>, Original l		
				2/6/2015			10,556.0	10,55		ename>, Original I		
				2/6/2015 2/6/2015	-		10,770.0 10,996.0	10,77 10,99		name>, Original I		
				2/6/2015			11,169.0	11,17		name>, Original I	SVS SIGN	
				2/6/2015			11,337.0	10.	11,338.0 <zonename>, Original Hole</zonename>			
		2/6/2015			11,541.0	11,54	11,542.0 <zonename>, Original Hole</zonename>					
		2/6/2015			11,722.0	11,72	11,723.0 <zonename>, Original Hole</zonename>					
				2/6/2015			11,946.0	11,94		name>, Original F		
				2/6/2015 2/6/2015			12,127.0 12,343.0	12,12		name>, Original F	10000000	
				2/6/2015	-		12,556.0	12,34		name>, Original F	4556,650	
				2/5/2015			12,766.0	12,76	1 000	name>, Original F	12.995.53	
				2/5/2015			12,943.0	12,94	0.1580.	name>, Original F		
				2/5/2015			13,155.0	13,15	6.0 <zone< td=""><td>name>, Original F</td><td>lole</td></zone<>	name>, Original F	lole	
				2/5/2015			13,369.0	13,37		name>, Original F		
				2/5/2015			13,543.0		RETROSE CONTRACTOR	name>, Original F		
				2/5/2015 2/4/2015			13,764.0 13,975.0			name>, Original F		
				2/4/2015			14,147.0	14,14		name>, Original F name>, Original F		
				2/4/2015			14,370.0	14,37	N. 1997	name>, Original F		
				2/4/2015			14,551.0	14,552	100,000,000,000	name>, Original F		
				2/4/2015			14,724.0	14,72		name>, Original F		
				2/4/2015			14,931.0	14,932	and the second section of	name>, Original F		
				2/4/2015 2/4/2015			15,143.0 15,307.0			name>, Original H		
				2/3/2015			15,521.0			name>, Original F name>, Original F		
				2/3/2015			15,683.0	15,684		name>, Original F		
				2/3/2015			15,883.0	15,884	The second second	name>, Original H		
				2/3/2015			16,015.0	16,016	3.0 <zoner< td=""><td>name>, Original H</td><td>ole</td></zoner<>	name>, Original H	ole	
				Tubing Str								
				Tubing Descrip	tion	Run D	ate	String L	ength (ft)	Set Depth (f	, KB)	
				Ite	em Des	J	ts Mak	ke	Model	OD (in) Wt (lb/ft)	Grade Len	
	Rod String											
				Rod Description	1	Run D	ate	String L	ength (ft)	Set Depth (f	, KB)	
										1		



Downhole Well Profile

Well Name: RW 44-25B

API	Surface Lega	Location	Field Name	County	State	Well Configuration Type
43-047-51719	S25-T7S-I	R23E	RED WASH	UINTAH	UTAH	Horizontal
Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT100124	5,549.3	5,579.30, SST 88 - KB 30	30.00	11/18/2014 08:00	1/5/2015 09:30	Original Hole - 16,150.0

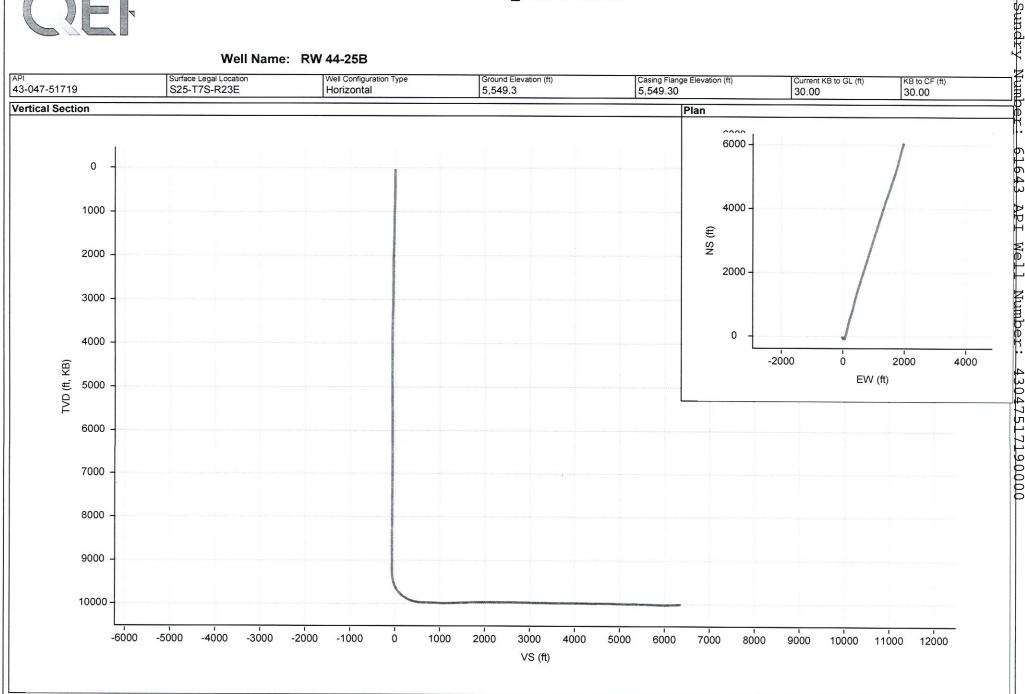
Horizontal - Original Hole, 3/18/2015 3:52:33 PM	Item Des J	lts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Directional schematic (actual) Sliding Sleeve; 15,683.0-15,68 Sliding Sleeve; 15,883.0-15,88 Sliding Sleeve; 16,015.0-16, Sliding Sleeve; 16,015.0-1								
QEP Energy Company	Page 2/2				Report	t Printed:	3/18/	2015



QEP Energy Company

Directional Plot_Plan vs Actual

Well Name: RW 44-25B



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Directional Survey

API 43-047-517		Surface Legal Lo				Field Name RED WASH			County		State JTAH		Well Configura	ation Type
Unique Well ID		Ground Elevation	on (ft)	Casing Flange Elev	ation (ft)	Current K	B to G	L (ft) K	(B to CF (ft)	Spud Da	te		Hole TD Date	
UT100124 Wellbore Name			5,549.3	Parent Wellbore	5,54	9.30		30.00 Sidetrack Si	tart Depth (ft, KB)	0.00 1	1/18/2014 08	3:00 Il Section Directi	1/5/201	5 09:30
Original Hol	e			Original Hole							16.6	1		
Date	12/5/20	14		Definitive?	No			Description			Propos	sed?	No	
MD Tie In (ft, KE	3)	TVDTie Ir	n (ft, KB)		lination Tie			Azimuth Tie		NSTie In	(ft)		Tie In (ft)	
Survey Dat		0.00		0.00			0.00			0.00		0.00		0.00
		Γ	T		Surv	ey								Traverse
MD (ft, KB)	Incl (°)	Azm (°) 0.00	Tool Ty MWD	ype Date 12/23/2	Comp		KB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)		Distance (ft)
30.00	0.00	100000000000000000000000000000000000000	MWD	12/5/2014	Native	0.50	.00	0.0			0.00	0.00	0.00	0.00
234.00	0.48	236.52	100000000000000000000000000000000000000	12/5/2014		10000		-0.4			0.00	0.00	115.94	0.00
324.00	0.61	228.52	CONTRACTOR OF THE CONTRACTOR	12/5/2014	N. 20 TO A N. 10-100			-1.0			0.24	0.14	-8.89	1.71
416.00	0.65	descentification of the second	Word died opening	12/5/2014	to recent expenses.			-1.6			0.05	0.04	2.11	2.72
507.00	0.74	226.68		12/5/2014	100000000000000000000000000000000000000			-2.3			0.11	0.10	-4.15	3.82
598.00	0.87	229.75	MWD	12/5/2014				-3.2		-4.22	0.15	0.14	3.37	5.10
689.00	1.14	225.62	MWD	12/5/2014	Native	688	.96	-4.3	-5.11	-5.59	0.31	0.30	-4.54	6.70
780.00	1.40	221.84	MWD	12/5/2014	Native	779	.94	-5.7		-7.39	0.30	0.29	-4.15	8.71
872.00	1.58	220.35	MWD	12/5/2014	Native			-7.5		-9.57	0.20	0.20	-1.62	11.10
965.00	2.02	222.28	MWD	12/5/2014	Native			-9.7		-12.22	0.48	0.47	2.08	14.02
1,055.00	0.70		A CONTRACT OF STREET,	12/5/2014	Native			-11.4	1100 1104	-14.18	1.49	-1.47	-12.99	16.15
1,145.00	0.79		BUSINESS TREATMENT	12/5/2014	Native			-12.4		-15.34	0.16	0.10	-9.86	17.32
1,236.00	0.96		MWD	12/5/2014	Native			-13.8		-16.71	0.33	0.19	-17.97	18.69
1,327.00	1.05	180.98	100000000000000000000000000000000000000	12/5/2014	Native			-15.4		-18.26	0.13	0.10	-4.82	20.29
1,421.00 1,512.00	1.09	181.85	The second secon	12/5/2014	Native			-17.1		-19.95	0.05	0.04	0.93	22.05
1,603.00	1.09		MWD MWD	12/5/2014	Native			-18.8		-21.64	0.10	0.00	5.12	23.77
1,698.00	1.49	183.82		12/5/2014	Native Native			-20.9		-23.66 -26.11	0.44	0.44	-0.10	25.82
1,794.00	1.66	188.09		12/5/2014	Native		***	-26.0		-28.74	0.08	0.04	-2.74 4.45	28.33 31.00
1,888.00	1.93		MWD	12/5/2014	Native			-28.9		-31.66	0.18	0.14	2.34	33.94
1,984.00	1.36	193.72		12/6/2014	Native			-31.6		-34.40	0.60	-0.59	3.57	36.69
2,079.00	1.45	197.67		12/6/2014	Native			-33.9		-36.73	0.14	0.09	4.16	39.02
2,174.00	0.30		MWD	12/6/2014	Native			-35.1		-38.05	1.40	-1.21	63.38	40.37
2,269.00	0.13	280.56	MWD	12/6/2014	Native	2,268	55	-35.1	4 -15.77	-38.18	0.20	-0.18	23.87	40.72
2,364.00	0.13	175.17	MWD	12/6/2014	Native	2,363	55	-35.2	2 -15.87	-38.29	0.22	0.00	-110.94	40.85
2,459.00	0.21		MWD	12/6/2014	Native	2,458	55	-35.5	0 -15.89	-38.56	0.09	0.08	13.98	41.13
2,554.00	0.39	186.86		12/6/2014	Native	1.50	54	-36.0	0 -15.95	-39.06	0.19	0.19	-1.67	41.62
2,650.00	0.61	166.91		12/6/2014				-36.8		-39.82	0.29	0.23	-20.78	42.45
2,745.00	0.96	143.45		12/6/2014				-37.9		-40.74	0.49	0.37	-24.69	43.73
2,840.00	1.45	124.29		12/6/2014	Native			-39.2		-41.58	0.66	0.52	-20.17	45.70
2,935.00	1.66	130.61		12/6/2014	Native			-40.8		-42.50	0.29	0.22	6.65	48.27
3,030.00	1.45	142.04		12/6/2014	Native			-42.6		-43.76	0.39	-0.22	12.03	50.84
3,124.00 3,219.00	1.58 2.32	168.76 180.08		12/6/2014 12/6/2014	Native Native	15. 3322		-44.8 -48.1		-45.60 -48.60	0.76	0.14	28.43	53.25
3,314.00	2.32	162.34		12/7/2014	Native			-48.1		-48.60 -52.00	0.87 0.75	-0.04	11.92 -18.67	56.47 60.24
3,403.00	2.32	149.07		12/7/2014	Native			-55.0		-54.68	0.75	0.04	-14.91	63.79
3,505.00	2.24	149.42		12/9/2014	Native	4330001 15		-58.5		-57.43	0.00	-0.08	0.34	67.84
3,600.00	2.10	137.91	41	12/9/2014	Native	1000	100	-61.4		-59.60	0.48	-0.15	-12.12	71.42
3,695.00	2.15	135.18	100000	12/9/2014	Native			-63.9		-61.35	0.12	0.05	-2.87	74.95
3,790.00	0.83	102.66	A CONTRACTOR OF THE PARTY OF TH	12/9/2014	Native.			-65.4	100	-62.16	1.60	-1.39	-34.23	77.34
3,885.00	0.87	113.48		12/9/2014	Native.			-65.8	4 3.14	-62.20	0.17	0.04	11.39	78.74
3,980.00	0.96	118.57	MWD	12/9/2014	Native.	3,978	94	-66.5	1 4.50	-62.45	0.13	0.09	5.36	80.26
4,075.00	1.14	128.24	MWD	12/9/2014	Native.	4,073	92	-67.4	8 5.94	-62.96	0.27	0.19	10.18	81.99
4,170.00	1.23	111.37	Service and Comment	12/9/2014	Native.	4,168	90	-68.4		-63.39	0.38	0.09	-17.76	83.93
4,265.00	0.83	114.09	A	12/9/2014	Native.	4,263	89	-69.0	8 9.21	-63.57	0.42	-0.42	2.86	85.64
4,360.00	0.92	132.64	MWD	12/9/2014	Native.	4,358	88	-69.8	8 10.40	-63.99	0.31	0.09	19.53	87.07
QEP Energ	y Compar	ny					Pag	e 1/7				Repo	rt Printed:	3/18/2015



Directional Survey

Well Name: RW 44-25B

API		urface Legal Lo				Name		County		itate		Well Configura	ation Type
43-047-5171 Unique Well ID		S25-T7S-R2 Ground Elevation		ng Flange Eleva		O WASH Current KB to C		JINTAH B to CF (ft)	Spud Dai	JTAH	IDe	Horizontal Hole TD Date	
UT100124			5,549.3	ig ridiigo Eleva	5,549.30		30.00			/18/2014 08		1/5/201	5 09:30
Survey Data	1							-					
MD (ft, KB)	Incl (°)	Azm (°)	Tool Type	Date	Survey Company	TVD (ft, KB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Traverse
4,455.00	0.92	122.62		12/9/2014	Native	4,453.86	-70.8		-64.54	0.17	0.00	-10.55	Distance (ft) 88.59
4,550.00	1.05	108.91	MWD	12/9/2014	Native	4,548.85	-71.5	3300	-64.78	0.28	0.14	-14.43	90.21
4,645.00	0.96	100.56	MWD	12/9/2014	Native	4,643.84	-71.9	A10.0	-64.73	0.18	-0.09	-8.79	91.88
4,740.00	1.09	97.39	MWD	12/9/2014	Native	4,738.82	-72.1	The second secon	-64.50	0.15	0.14	-3.34	93.57
4,836.00	1.27	100.56		12/9/2014	Native	4,834.80	-72.5	The second secon	-64.25	0.20	0.19	3.30	95.55
4,931.00	1.40	90.36	MWD	12/9/2014	Native	4,929.77	-72.7		-63.81	0.28	0.14	-10.74	97.75
5,026.00	1.23	86.40	MWD	12/9/2014	Native	5,024.75	-72.6	The second secon	-63.13	0.20	-0.18	-4.17	99.93
5,121.00	0.79	88.07	MWD	12/9/2014	Native	5,119.73	-72.5	And the second s	-62.57	0.46	-0.46	1.76	101.61
5,216.00	1.09	80.69	MWD	12/9/2014	Native	5,214.72	-72.3	CONTRACTOR OF STREET	-61.97	0.34	0.32	-7.77	103.16
5,311.00	0.79	75.07	MWD	12/9/2014	Native	5,309.71	-72.0	27-2	-61.23	0.33	-0.32	-5.92	104.72
5,406.00	1.05	94.67	MWD	12/9/2014	Native	5,404.70	-71.9	ASSESSMENT TO SECURITION AND ADDRESS.	-60.71	0.43	0.27	20.63	106.22
5,501.00	0.96	93.61	MWD	12/9/2014	Native	5,499.68	-72.1	100000000000000000000000000000000000000	-60.35	0.10	-0.09	-1.12	107.89
5,595.00	0.61	500000000000000000000000000000000000000	// Transfer	12/9/2014	Native	5,593.68	-71.7	The second second	-59.90	1.55	-0.03	239.91	107.89
5,690.00	0.61		MWD	12/9/2014	Native	5,688.67	-71.3		-59.47	1.16	0.00	-243.96	108.43
5,786.00	0.79	95.63	The second secon	12/10/2	Native	5,784.67	-71.4		-59.17	0.21	0.00	8.60	110.90
5,881.00	0.74	117.78	The state of the s	12/10/2	Native	5,879.66	-71.7		-59.17	0.21	-0.05	23.32	111.31
5,976.00	1.01	108.03	The second second	12/10/2	Native	5,974.65	-71.7		-59.17	0.31	0.28	-10.26	112.76
6,071.00	0.35	442-441-441-441-441	MWD	12/10/2	Native	6,069.64	-72.2		-59.08	1.30	-0.69	250.25	113.48
6,166.00	0.48	21.98	10000000000000000000000000000000000000	12/10/2	Native	6,164.64	-71.6		-58.43	0.30	0.14	-340.83	114.14
6,262.00	0.35	38.33		12/10/2	Native	6,260.64	-71.0		-57.76	0.30	-0.14	17.03	114.14
6,357.00	0.39	61.18		12/10/2	Native	6,355.64	-70.6		-57.76	0.16	0.04		
6,452.00	0.52	72.78		Date of Brokenson	Native	6,450.63	-70.3		-56.79	0.10	0.04	24.05 12.21	115.43 116.18
6,547.00	0.87		MWD	special continuous second	Native	6,545.63	-70.0		-56.79	0.17	0.14	2.22	
6,642.00	0.26	C. SOMETHING	MWD		Native	6,640.62	-69.6		-55.58	0.37	-0.64	-49.31	117.33
6,737.00	0.21		MWD	12/10/2	Native	6,735.62	-69.3	-	-55.19				118.21
6,831.00	0.21	20 TKL (2006)	MWD	12/10/2	Native	6,829.62	-69.2		-55.19	0.09	-0.05	-17.49	118.60
6,927.00	0.20	Missione Hamming	MWD	12/10/2	Native	6,925.62	-69.6		-55.38	0.42	0.05	122.68	118.81
7,022.00	0.43	A-945-00-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-	MWD		Native	7,020.62	-70.2		-55.92	0.19	0.04	38.54	119.25
7,117.00	0.43	135.45	AND ADDRESS OF THE PARTY OF THE		Native	7,020.62	-70.2		-56.43	0.15	0.14	8.60	119.85
7,117.00	0.43	126.22	The second second		Native	7,115.62				0.30	0.05	-38.39	120.57
7,306.00	1.14		The state of the s				-71.30		-56.74	0.09	-0.05	-9.72	121.32
7,300.00	0.48	168.85	MWD		Native	7,304.60	-72.0	5	-57.06	0.76	0.76	-7.85	122.61
7,496.00	0.46	158.83	0.500.000.000.000		Native	7,399.59 7,494.59	-72.8° -73.70		-57.61	0.96	-0.69	52.64	123.85
7,490.00	0.03								-58.39	0.21	0.18	-10.55	124.78
7,686.00	0.70	122.62			Native	7,589.58	-74.5		-58.98	0.44	0.05	-38.12	125.84
7,781.00	0.87	130.70 151.62			Native	7,684.57	-75.36		-59.43	0.21	0.18	8.51	127.14
7,781.00	1.01	151.62			Native	7,779.56	-76.50		-60.26	0.35	0.05	22.02	128.60
7,876.00	0.26				Native	7,874.55	-77.93		-61.43	0.12	0.09	3.98	130.20
8,066.00	A CONTRACTOR OF THE PARTY OF TH	137.90			Native	7,968.54	-78.84		-62.17	0.81	-0.80	-18.62	131.24
the state of the s	0.61	158.12			Native	8,064.54	-79.48		-62.68	0.39	0.36	21.06	131.95
8,161.00	0.79	148.10	100.000.000.000.000		Native	8,159.53	-80.50		-63.51	0.23	0.19	-10.55	133.11
8,256.00	1.31	144.50			Native	8,254.52	-81.94		-64.61	0.55	0.55	-3.79	134.85
8,351.00	0.79	138.35			Native	8,349.50	-83.32		-65.62	0.56	-0.55	-6.47	136.59
8,446.00	0.96	123.14			Native	8,444.49	-84.24		-66.19	0.30	0.18	-16.01	138.03
8,541.00	1.14	131.49			Native	8,539.47	-85.30		-66.82	0.25	0.19	8.79	139.76
8,636.00	0.35	344.98			Native	8,634.47	-85.65		-66.97	1.52	-0.83	224.73	140.49
8,730.00	0.65		MWD		Native	8,728.46	-84.85		-66.19	0.39	0.32	-356.70	141.29
8,825.00	0.52	24.09			Native	8,823.46	-83.92		-65.23	0.21	-0.14	15.17	142.25
8,920.00	0.26	74.80			Native	8,918.46	-83.47		-64.69	0.43	-0.27	53.38	142.84
9,013.00	0.39	127.27			Native	9,011.46	-83.61		-64.69	0.33	0.14	56.42	143.32
9,108.00	0.79	132.28			Native	9,106.45	-84.24	N. SAMMAN	-65.09	0.42	0.42	5.27	144.30
9,203.00	0.79	89.66	MWD	12/12/2	Native	9,201.44	-84.68	55.85	-65.18	0.60	0.00	-44.86	145.52
QEP Energy	/ Compan	у				Pag	e 2/7				Repo	rt Printed:	3/18/2015



Directional Survey

Well Name: RW 44-25B

API		Surface Legal Lo				Name		County	Įs	State		Well Configura	ation Type
43-047-517 Unique Well ID		S25-T7S-R2				WASH	ι	JINTAH	Į.	JTAH		Horizontal	
UT100124		Ground Elevation	5,549.3	ng Flange Eleva	5,549.30	Current KB to (30.00 K	B to CF (ft)	Spud Dat 0.00 11	e /18/2014 08		Hole TD Date 1/5/201	5 09:30
Survey Dat	a			_									
MD (ft, KB)	Incl (°)	Azm (°)	Tool Type	Date	Survey Company	TVD (ft, KB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Traverse Distance (ft)
9,261.00	1.09		MWD	12/14/2	Native	9,259.43				0.75	0.52	-33.34	146.45
9,293.00	2.72	250200000000000000000000000000000000000	MWD	12/14/2	Native	9,291.42		2 57.41	-63.81	6.43	5.09	-133.75	147.46
9,324.00	5.84	C10035 80751	MWD	12/14/2	Native	9,322.33				10.42	10.06	-38.84	149.76
9,356.00	7.12	0.000	MWD	12/14/2	Native	9,354.12				4.00	4.00	1.09	153.37
9,388.00	6.81	(2017)		12/14/2	Native	9,385.89				1.46	-0.97	-9.06	157.25
9,419.00	7.20	×	MWD	12/14/2	Native	9,416.66				1.29	1.26	2.29	161.03
9,451.00	9.89	100000000000000000000000000000000000000	American American	12/14/2	Native	9,448.30				8.41	8.41	0.00	165.79
9,483.00	13.14	and the second second		12/15/2	Native	9,479.65				10.21	10.16	5.22	172.17
9,514.00	16.08		Name of the Association of the A	12/15/2	Native	9,509.64				9.70	9.48	8.19	179.99
9,546.00	18.63	- 2	MWD MWD	12/15/2	Native	9,540.18				7.98	7.97	1.59	189.53
9,578.00 9,609.00	21.57 24.30		MWD	12/15/2	Native	9,570.23	-32.8			9.20	9.19	-1.59	200.53
9,641.00	27.29		MWD	12/15/2	Native	9,598.78 9,627.59	-21.3			8.86	8.81	-2.55	212.61
9,673.00	30.76		MWD	12/15/2	Native	9,655.56	-8.0 6.8			9.39	9.34	2.19	226.53
9,704.00	33.57	- 10 CO 9010	MWD	12/15/2	Native	9,681.80	22.5		47.25	10.88 9.08	10.84	-1.91	242.05
9,736.00	37.00		MWD	12/15/2	Native	9,707.92	40.20		65.73	10.72	9.06 10.72	-0.87 0.28	258.56 277.04
9,768.00	40.17	22.2	MWD	12/16/2	Native	9,732.93	59.34		85.69	9.91	9.91	0.28	296.99
9,799.00	43.28		MWD	12/16/2	Native	9,756.07	79.1		106.32	10.15	10.03	-2.29	317.62
9,831.00	46.23		MWD	12/16/2	Native	9,778.79	100.8		128.83	10.13	9.22	-7.44	340.15
9,862.00	49.21		MWD	12/16/2	Native	9,799.64	123.19		151.72	10.18	9.61	-4.52	363.08
9,894.00	51.98		MWD	12/16/2	Native	9,819.95	147.4		176.35	9.64	8.66	-5.50	387.80
9,926.00	54.84	0-33350400-07		12/16/2	Native	9,839.03	172.6		201.93	9.26	8.94	3.03	413.49
9,957.00	57.74			12/16/2	Native	9,856.23	197.82		227.63	9.59	9.35	2.55	439.28
9,989.00	60.38			12/16/2	Native	9,872.68	224.54		255.03	9.06	8.25	4.38	466.72
10,021.00	61.78	15.30	MWD	12/16/2	Native	9,888.16	251.64		283.02	5.83	4.38	4.41	494.73
10,053.00	63.72	13.81	MWD	12/16/2	Native	9,902.81	279.18		311.45	7.34	6.06	-4.66	523.17
10,084.00	67.19		MWD	12/16/2	Native	9,915.68	306.53	3 160.47	339.61	11.27	11.19	1.42	551.37
10,116.00	70.88			12/16/2	Native	9,927.13	335.49	9 167.83	369.46	11.53	11.53	0.00	581.24
10,147.00	73.35	13.46		12/16/2	Native	9,936.65	364.13		398.93	8.33	7.97	-2.55	610.74
10,179.00	75.63		MWD		Native	9,945.21	394.09		429.72	7.25	7.13	1.38	641.58
10,210.00	79.05		MWD	12/17/2	Native	9,952.00	423.45		459.93	11.05	11.03	-0.58	671.82
10,242.00	81.25	13.63			Native	9,957.48	454.09		491.41	6.88	6.88	-0.28	703.34
10,274.00	81.78			12/17/2	Native	9,962.20	484.75			4.66	1.66	4.41	734.99
10,316.00	86.70	16.80			Native	9,966.41	524.92		564.80	12.43	11.71	4.19	776.77
10,348.00	88.00				Native	9,967.89	555.42		596.77	5.53	4.06	3.75	808.73
10,379.00	88.20				Native	9,968.92	584.88		627.74	0.72	0.65	0.32	839.71
10,411.00	88.20			And the second s	Native	9,969.92	615.26		659.71	0.62	0.00	0.62	871.70
10,442.00 10,474.00	88.40 88.40				Native	9,970.84	644.69		690.68	0.72	0.65	-0.32	902.68
10,474.00	88.60				Native	9,971.74	675.09		722.66	0.31	0.00	-0.31	934.67
10,536.00	88.80	17.80			Native	9,972.55 9,973.25	704.54 734.01	D1	753.64	0.72	0.65	0.32	965.66
10,568.00	88.60	17.80			Native	9,973.25	764.47		784.62 816.61	1.44 0.62	0.65 -0.63	-1.29 0.00	996.65
10,599.00	88.50	17.30			Native	9,973.98	794.02		847.59	1.64	-0.63	-1.61	1,028.64 1,059.63
10,630.00	88.10				Native	9,975.68	823.61	320	878.58	1.33	-1.29	-0.32	1,059.63
10,662.00	87.20	16.30			Native	9,976.99	854.23	2000 - 100 -	910.55	3.98	-2.81	-2.81	1,122.59
10,693.00	85.10				Native	9,979.08	884.04	AND THE RESERVE THE PROPERTY OF	941.47	8.91	-6.77	-5.81	1,153.52
10,724.00	84.70	14.60	AND STATE OF THE PARTY OF THE P	The state of the s	Native	9,981.83	913.93	THE STATE OF THE S	972.33	1.33	-1.29	0.32	1,184.40
10,755.00	86.10	13.70	SECTION SECTION	The state of the s	Native	9,984.32	943.89	200	1,003.20	5.36	4.52	-2.90	1,215.30
10,787.00	87.60		MWD		Native	9,986.08	974.92		1,035.11	4.73	4.69	0.63	1,247.25
10,818.00	89.10	13.80	MWD		Native	9,986.97	1,005.01		1,066.06	4.85	4.84	-0.32	1,278.23
10,850.00	90.60	13.90	ACTION OF THE PARTY OF THE PART		Native	9,987.05	1,036.07		1,098.02	4.70	4.69	0.31	1,310.23
QEP Energ	y Compar	ıy				Par	ge 3/7				Pono	rt Printed:	2/19/2015

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Directional Survey

Well Name: RW 44-25B

API 43-047-517	19 8	urface Legal Lo S25-T7S-R2	cation 3E		114-514-51	Name D WASH		County	100	State JTAH		Well Configura	ation Type
Unique Well ID		Ground Elevation	on (ft) Casi	ng Flange Eleva	tion (ft)	Current KB to	GL (ft) K	(B to CF (ft)	Spud Da	te		Hole TD Date	
UT100124 Survey Dat	·a		5,549.3		5,549.30)	30.00	3	0.00 11	/18/2014 08	3:00	1/5/201	5 09:30
	4		T	1	Survey	Τ			T	Ι	Ι		Traverse
MD (ft, KB)	Incl (°)	Azm (°)	Tool Type	Date	Company	TVD (ft, KB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Distance (ft)
10,881.00	91.60	14.40	MWD	12/25/2	Native	9,986.46	1,066.1		1,128.99	3.61	3.23	1.61	1,341.23
10,912.00	92.10	15.00	MWD	12/25/2	Native	9,985.46	1,096.1		1,159.95	2.52	1.61	1.94	1,372.21
10,944.00	92.70	14.90	MWD	12/25/2	Native	9,984.12	1,126.9		1,191.91	1.90	1.88	-0.31	1,404.18
10,975.00	92.90	15.20	MWD	12/25/2	Native	9,982.60	1,156.8		1,222.86	1.16	0.65	0.97	1,435.14
11,007.00	91.70	15.60	MWD	12/25/2	Native	9,981.32	1,187.7		1,254.83	3.95	-3.75	1.25	1,467.12
11,038.00	91.70	15.60	MWD	12/25/2	Native	9,980.40	1,217.5		1,285.81	0.00	0.00	0.00	1,498.10
11,069.00	90.90	15.80	MWD	12/25/2	Native	9,979.69	1,247.3		1,316.80	2.66	-2.58	0.65	1,529.10
11,101.00	91.00	15.40	MWD	12/26/2	Native	9,979.16	1,278.2		1,348.79	1.29	0.31	-1.25	1,561.09
11,132.00	91.30	15.70	MWD	12/26/2	Native	9,978.54	1,308.0		1,379.78	1.37	0.97	0.97	1,592.08
11,163.00	92.20	15.70	MWD	12/26/2	Native	9,977.60	1,337.9		1,410.76	2.90	2.90	0.00	1,623.07
11,195.00	92.90	16.40	MWD	12/26/2	Native	9,976.17	1,368.6		1,442.73	3.09	2.19	2.19	1,655.04
11,226.00	91.80 92.10	17.40	107/10/2002 CONT.	12/26/2	Native	9,974.90	1,398.2		1,473.70	4.79	-3.55	3.23	1,686.01
11,258.00	2000-00-00-00-00-00-00-00-00-00-00-00-00	17.30	and the same of th	12/26/2	Native	9,973.81	1,428.7		1,505.68	0.99	0.94	-0.31	1,717.99
11,289.00	92.60	17.40	STATE OF THE STATE	12/26/2	Native	9,972.54	1,458.3		1,536.65	1.64	1.61	0.32	1,748.97
200000000000000000000000000000000000000	93.20	N. Commission	MWD	12/26/2	Native	9,970.97	1,487.8		1,567.61	1.94	1.94	0.00	1,779.93
11,352.00	93.00		MWD	12/26/2	Native	9,969.24	1,518.3		1,599.55	1.68	-0.63	1.56	1,811.88
11,383.00 11,414.00	91.70 92.40		MWD	12/26/2	Native	9,967.97	1,547.8		1,630.52	4.62	-4.19	-1.94	1,842.85
11,414.00		7-200000000000	MWD	12/27/2	Native	9,966.86	1,577.5		1,661.50	4.20	2.26	-3.55	1,873.83
11,445.00	93.30	750000000000000000000000000000000000000	MWD	12/27/2	Native	9,965.32	1,607.2		1,692.46	3.32	2.90	1.61	1,904.79
11,509.00	92.30		MWD	12/27/2	Native	9,963.76	1,637.7		1,724.42	4.42	-3.13	3.13	1,936.75
The state of the s	90.60		MWD	12/27/2	Native	9,962.95	1,668.2		1,756.40	5.39	-5.31	0.94	1,968.74
11,540.00	90.30		MWD	12/27/2	Native	9,962.70	1,697.6		1,787.39	2.16	-0.97	1.94	1,999.74
11,572.00 11,602.00	90.50	18.50 19.00	MWD MWD	12/27/2	Native	9,962.48	1,727.9		1,819.37	0.70	0.63	-0.31	2,031.74
11,633.00	91.50	500-0740-070-0	STATINGS SYNTESO	12/27/2	Native	9,962.11	1,756.3		1,849.35	2.13	1.33	1.67	2,061.74
11,665.00			MWD	12/27/2	Native	9,961.46	1,785.6		1,880.31	1.96	1.94	-0.32	2,092.73
11,696.00	89.20 89.40	18.40 18.50		12/28/2	Native	9,961.27	1,816.0		1,912.29	7.36	-7.19	-1.56	2,124.73
11,728.00	90.20		MWD	12/28/2	Native	9,961.65	1,845.4		1,943.27	0.72	0.65	0.32	2,155.73
11,759.00	91.10		MWD	12/28/2	Native	9,961.76	1,875.7		1,975.25	2.80	2.50	1.25	2,187.73
11,791.00	90.60	***************************************	MWD	12/28/2	Native	9,961.41	1,905.0		2,006.22	3.32	2.90	1.61	2,218.72
11,822.00	90.50		MWD		Native	9,960.93	1,935.2 1,964.5		2,038.18	2.00	-1.56	-1.25	2,250.72
11,854.00	90.30		MWD	12/28/2	Native	9,960.64			2,069.16	1.96	-0.32	-1.94	2,281.72
11,885.00	89.70		MWD		Native	9,960.44	1,994.9		2,101.14	1.13	-0.94	0.63	2,313.72
11,916.00	88.50	17.70			Native	9,960.47	2,024.3		2,132.12	1.74	-1.61	-0.65	2,344.72
11,948.00	89.10	18.30			Native	9,960.95	2,053.79		2,163.11	4.48	-3.87	-2.26	2,375.71
11,979.00	89.80	18.40			Native	9,961.62	2,084.2		2,195.09	2.65	1.87	1.88	2,407.71
12,010.00	89.80	18.10			Native	9,961.92	2,113.6	27	2,226.08	2.28	2.26	0.32	2,438.70
12,042.00	90.20	17.90			Native	9,962.03	2,143.0		2,257.06	0.97	0.00	-0.97	2,469.70
12,076.00	90.80	18.60			Native	9,962.03 9,961.73	2,173.52		2,289.05	1.40	1.25	-0.63	2,501.70
12,105.00	90.00	18.40			Native	9,961.73	2,205.8		2,323.04	2.71	1.76	2.06	2,535.70
12,136.00	89.40	18.50			Native	9,961.69	2,262.7		2,352.02	2.84	-2.76	-0.69	2,564.70
12,167.00	89.70	17.60			Native	9,961.89	2,292.19		2,383.00	1.96	-1.94	0.32	2,595.70
12,199.00	90.20	18.30	in the second se			9,961.94	2,322.63	St. Company of the second	2,413.99	3.06	0.97	-2.90	2,626.70
12,199.00	90.20	18.50			Native	9,961.96	2,322.6		2,445.98	2.69	1.56	2.19	2,658.70
12,262.00	91.10	18.80			Native	9,961.71	posterovenente e	11 (2,477.97	1.68	1.56	0.62	2,690.70
12,293.00	89.50	18.20			Native	9,961.23	2,382.36		2,508.94	1.61	1.29	0.97	2,721.69
12,325.00	89.90	18.00	Control of the second			9,961.06	2,411.76		2,539.93	5.51	-5.16	-1.94	2,752.69
12,356.00	88.70	17.30		Value of the same	Native	9,961.23	2,442.17		2,571.91	1.40	1.25	-0.62	2,784.69
12,388.00	88.50	17.30	AND STREET, ST. PROPERTY OF		Native		2,471.7		2,602.91	4.48	-3.87	-2.26	2,815.69
12,419.00	88.60	16.80			Native	9,962.39	2,502.26		2,634.89	0.70	-0.63	-0.31	2,847.68
12,419.00	89.20	17.60	C10 (00 00 00 00 00 00 00 00 00 00 00 00 0		Native	9,963.18 9,963.79	2,531.90		2,665.88	1.33	0.32	-1.29	2,878.67
12,701.00	09.20	17.00	IVIVVD	1212912	Native	9,903.79	2,502.40	047.77	2,697.88	3.12	1.88	2.50	2,910.66
QEP Energ	y Compan	у				Pag	je 4/7				Reno	rt Printed:	3/18/2015



Directional Survey

Well Name: RW 44-25B

API	s	urface Legal Lo	cation	10	Field N	Name	ICo	unty	S	state		Well Configura	ation Type
43-047-517	30,000	S25-T7S-R2				WASH	UI	NTAH	l	JTAH		Horizontal	
Unique Well ID UT100124		Ground Elevatio	5,549.3	ng Flange Eleva	tion (ft) 5,549.30	Current KB to 0	30.00 KB	to CF (ft)	O.00 Spud Dat 11	e /18/2014 08		Hole TD Date 1/5/201	5 09:30
Survey Dat	а												
MD (ft, KB)	Incl (°)	Azm (°)	Tool Type	Date	Survey Company	TVD (ft, KB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Traverse Distance (ft)
12,482.00	90.50	17.40		12/29/2	Native	9,963.87	2,592.02	857.09	2,728.87	4.24	4.19	-0.65	2,941.66
12,514.00	88.60			12/29/2	Native	9,964.12	2,622.52		2,760.86	6.14	-5.94	1.56	2,973.66
12,545.00	88.20	17.40	MWD	12/29/2	Native	9,964.99	2,652.04	The same of the sa	2,791.85	2.07	-1.29	-1.61	3,004.65
12,576.00	87.90			12/29/2	Native	9,966.04	2,681.65		2,822.83	1.88	-0.97	-1.61	3,035.63
12,608.00	88.80	17.20	MWD	12/29/2	Native	9,966.97	2,712.23	894.71	2,854.81	2.96	2.81	0.94	3,067.62
12,639.00	89.20	17.50	MWD	12/30/2	Native	9,967.51	2,741.81	903.95	2,885.80	1.61	1.29	0.97	3,098.61
12,671.00	88.00		MWD	12/30/2	Native	9,968.29	2,772.35	(50.100.000.000.000	2,917.79	3.87	-3.75	-0.94	3,130.60
12,702.00	87.80		MWD	12/30/2	Native	9,969.42	2,801.94	10000	2,948.77	0.65	-0.65	0.00	3,161.58
12,733.00	88.60		MWD	12/30/2	Native	9,970.40	2,831.48	200000000000000000000000000000000000000	2,979.75	3.43	2.58	2.26	3,192.56
12,765.00	88.60		MWD	12/30/2	Native	9,971.18	2,861.93	BREAK SELECTION	3,011.73	0.00	0.00	0.00	3,224.55
12,797.00	88.70		MWD	12/30/2	Native	9,971.93	2,892.39	951.60	3,043.72	0.70	0.31	-0.62	3,256.55
12,828.00	89.50		MWD	12/30/2	Native	9,972.42	2,921.90	961.08	3,074.71	2.66	2.58	0.65	3,287.54
12,859.00	90.30		MWD	12/30/2	Native	9,972.47	2,951.37	970.68	3,105.70	2.76	2.58	0.97	3,318.54
12,891.00	89.30	17.30		12/30/2	Native	9,972.59	2,981.85	980.44	3,137.69	4.20	-3.13	-2.81	3,350.54
12,922.00	88.70	17.90		12/30/2	Native	9,973.13	3,011.39	989.81	3,168.68	2.74	-1.94	1.94	3,381.54
12,954.00	89.40		MWD	12/30/2	Native	9,973.66	3,041.84	999.65	3,200.67	2.19	2.19	0.00	3,413.53
12,986.00	90.00	DESCRIPTION OF THE PROPERTY OF	MWD	12/30/2	Native	9,973.83	3,072.22	1,009.69	3,232.65	3.12	1.87	2.50	3,445.53
13,017.00	90.50	18.70		12/30/2	Native	9,973.69	3,101.58	1,019.63	3,263.63	1.61	1.61	0.00	3,476.53
	89.50	18.00	A STATE OF THE STA	12/30/2	Native	9,973.69	3,131.96	1,029.71	3,295.61	3.81	-3.13	-2.19	3,508.53
13,080.00	87.00	17.60		12/30/2	Native	9,974.64	3,161.45	1,039.18	3,326.59	8.17	-8.06	-1.29	3,539.51
13,112.00	87.30	17.60	New York Control	12/30/2	Native	9,976.23	3,191.92	1,048.84	3,358.55	0.94	0.94	0.00	3,571.47
13,143.00	88.00 88.40	Control Control Control	MWD	12/30/2	Native	9,977.50	3,221.39	1,058.36	3,389.51	2.97	2.26	1.94	3,602.45
13,174.00 13,206.00	88.40		MWD	12/30/2	Native	9,978.47	3,250.83	1,068.04	3,420.48	1.29	1.29	0.00	3,633.43
13,238.00	89.10	18.20 18.10	MWD	12/30/2	Native	9,979.23	3,281.22	1,078.03	3,452.46	1.56	1.56	0.00	3,665.42
13,269.00	89.50		MWD	12/30/2	Native	9,979.79 9,980.16	3,311.62 3,341.09	1,088.00	3,484.45	0.70	0.62	-0.31	3,697.42
13,300.00	89.30	Land Committee of the C	MWD	12/30/2	Native	9,980.16	3,370.58	1,097.60 1,107.16	3,515.43	1.33	1.29	-0.32	3,728.41
13,332.00	89.00	ACCRECATION OF	MWD	12/30/2	Native	9,980.49	3,401.06	1,116.91	3,546.42 3,578.41	0.72	-0.65	-0.32	3,759.41
13,363.00	89.60	Wester Education	MWD		Native	9,980.90	3,430.60	1,116.91	3,609.41	1.33 1.94	-0.94 1.94	-0.94	3,791.41
13,395.00	90.20	12560438141361150	MWD	12/31/2	Native	9,981.40	3,461.08	1,136.04	3,641.40	2.10	1.88	0.00	3,822.41
13,426.00	90.70	22,531,5398,4376	MWD	12/31/2	Native	9,981.15	3,490.56	1,145.62	3,672.39	1.74	1.61	0.94	3,854.41
13,457.00	91.40	100 800 1000 100	MWD	12/31/2	Native	9,980.59	3,520.01	1,155.27	3,703.37	2.28	2.26	0.32	3,885.40 3,916.40
13,489.00	89.10	17.60			Native	9,980.45	3,550.46		3,735.36	7.43	-7.19	-1.87	3,948.40
13,520.00	89.20	18.20			Native	9,980.91	3,579.96	1,174.63	3,766.35	1.96	0.32	1.94	3,979.39
13,552.00	89.60	18.50	2002/2010/09/201	7.550,7	Native	9,981.24	3,610.33	1,184.71	3,798.34	1.56	1.25	0.94	4,011.39
13,583.00	89.90	18.60			Native	9,981.38	3,639.72	1,194.57	3,829.32	1.02	0.97	0.32	4,011.39
13,615.00	90.50	18.60		Les av Moredan d'access cares	Native	9,981.27	3,670.05	1,204.78	3,861.30	1.87	1.87	0.00	4,074.39
13,646.00	90.80	18.70			Native	9,980.91	3,699.42	1,214.69	3,892.28	1.02	0.97	0.32	4,105.39
13,678.00	91.00	18.40			Native	9,980.41	3,729.75	1,224.87	3,924.25	1.13	0.63	-0.94	4,137.38
13,709.00	89.40	18.50		C-CONTROL AND	Native	9,980.30	3,759.16	1,234.68	3,955.24	5.17	-5.16	0.32	4,168.38
13,741.00	90.00	18.20			Native	9,980.47	3,789.53	1,244.75	3,987.22	2.10	1.87	-0.94	4,200.38
13,772.00	89.90	18.10			Native	9,980.50	3,818.99	1,254.41	4,018.21	0.46	-0.32	-0.32	4,231.38
13,804.00	88.80	17.90			Native	9,980.86	3,849.42	1,264.30	4,050.20	3.49	-3.44	-0.63	4,263.38
13,835.00	89.00	18.10		12/31/2	Native	9,981.46	3,878.89	1,273.87	4,081.18	0.91	0.65	0.65	4,294.37
13,867.00	88.60	17.90			Native	9,982.13	3,909.32	1,283.76	4,113.17	1.40	-1.25	-0.63	4,326.37
13,898.00	88.50				Native	9,982.91	3,938.81	1,293.29	4,144.15	0.32	-0.32	0.00	4,357.36
13,929.00	89.00	17.90			Native	9,983.59	3,968.30	1,302.81	4,175.13	1.61	1.61	0.00	4,388.35
13,961.00	88.60	18.40	MWD	12/31/2	Native	9,984.26	3,998.71	1,312.78	4,207.11	2.00	-1.25	1.56	4,420.34
13,992.00	88.70	18.80	MWD	12/31/2	Native	9,984.99	4,028.08	1,322.66	4,238.09	1.33	0.32	1.29	4,451.33
14,024.00	88.30	18.70	MWD	12/31/2	Native	9,985.82	4,058.37	1,332.95	4,270.05	1.29	-1.25	-0.31	4,483.32
14,055.00	87.60	18.30	MWD	12/31/2	Native	9,986.93	4,087.75	1,342.78	4,301.02	2.60	-2.26	-1.29	4,514.30
QEP Energ	y Compan	у				Dan	e 5/7				Danie	rt Printed:	
						гау	O UII				Keno	r Frintea:	3/18/2015



Directional Survey

Well Name: RW 44-25B

API	S	urface Legal Lo	cation		Field I	Name	Ic	ounty	IS	state	V	Well Configura	tion Type
43-047-517		25-T7S-R2				WASH		JINTAH		JTAH		Horizontal	
Unique Well ID UT100124		Ground Elevatio	n (ft) Casir 5,549.3	ng Flange Eleva	tion (ft) 5,549.30	Current KB to C	30.00 KE	3 to CF (ft)	Spud Dat 0.00 11	e /18/2014 08		Hole TD Date 1/5/2015	5.09:30
Survey Dat	a		7,040.0		0,010.00		00.00		3.00	710/201100	5.00	110/2010	7 00.00
					Survey				1.00 (0)	DI O (044000)	B 311 (011 000)	T (011000)	Traverse
MD (ft, KB) 14,086.00	Incl (°) 88.00	Azm (°) 18.40	Tool Type MWD	Date 1/1/2015	Company Native	TVD (ft, KB) 9,988.12	NS (ft) 4,117.1	EW (ft) 5 1.352.53	VS (ft) 4,331.98	DLS (°/100ft) 1.33	Build (°/100ft) 1.29	Turn (°/100ft) 0.32	Distance (ft) 4,545.28
14,118.00	89.50	11000000	MWD	1/1/2015	Native	9,988.82	4,147.50		4,363.95	4.70	4.69	0.31	4,577.27
14,149.00	88.90		MWD	1/1/2015	Native	9,989.25	4,176.9		4,394.94	2.74	-1.94	-1.94	4,608.27
14,181.00	91.20	19.00	MWD	1/1/2015	Native	9,989.23	4,207.30		4,426.92	7.97	7.19	3.44	4,640.27
14,212.00	92.70		MWD	1/1/2015	Native	9.988.17	4,236.5		4,457.87	5.21	4.84	1.94	4,671.25
14,244.00	92.60	20.80	MWD	1/1/2015	Native	9,986.69	4,266.5		4,489.77	3.76	-0.31	3.75	4,703.21
14,258.00	92.00		MWD	1/2/2015	Native	9,986.13	4,279.6	_	4,503.72	4.34	-4.29	0.71	4,717.20
14,289.00	90.40		MWD	1/2/2015	Native	9,985.48	4,308.5		4,534.63	5.20	-5.16	-0.65	4,748.19
14,321.00	89.30			1/2/2015	Native	9,985.56	4,338.5		4,566.55	3.44	-3.44	0.00	4,780.19
14,352.00	88.90	20.20	MWD	1/2/2015	Native	9,986.05	4,367.56		4,597.47	2.07	-1.29	-1.61	4,811.19
14,383.00	88.90	19.80	MWD	1/2/2015	Native	9,986.65	4,396.68		4,628.41	1.29	0.00	-1.29	4,842.18
14,414.00	89.00	19.50	MWD	1/2/2015	Native	9,987.21	4,425.8	7 1,462.89	4,659.37	1.02	0.32	-0.97	4,873.18
14,446.00	88.80	19.00	MWD	1/2/2015	Native	9,987.83	4,456.08	3 1,473.43	4,691.33	1.68	-0.63	-1.56	4,905.17
14,478.00	89.10	19.30		1/2/2015	Native	9,988.42	4,486.30		4,723.29	1.33	0.94	0.94	4,937.17
14,509.00	89.70			1/2/2015	Native	9,988.74	4,515.47	7 1,494.43	4,754.24	3.76	1.94	3.23	4,968.16
14,540.00	90.40	20.40		1/2/2015	Native	9,988.71	4,544.53		4,785.17	2.28	2.26	0.32	4,999.16
14,572.00	88.10	19.10	MWD	1/2/2015	Native	9,989.13	4,574.64	1,516.02	4,817.12	8.26	-7.19	-4.06	5,031.16
14,603.00	87.80	18.60	MWD	1/2/2015	Native	9,990.24	4,603.96	1,526.03	4,848.07	1.88	-0.97	-1.61	5,062.14
14,634.00	87.50	18.60	MWD	1/2/2015	Native	9,991.51	4,633.32	2 1,535.91	4,879.03	0.97	-0.97	0.00	5,093.11
14,666.00	87.90	18.80	MWD	1/2/2015	Native	9,992.80	4,663.60	1,546.16	4,910.98	1.40	1.25	0.62	5,125.09
14,697.00	87.40	18.10	MWD	1/2/2015	Native	9,994.07	4,692.98	3 1,555.96	4,941.94	2.77	-1.61	-2.26	5,156.06
14,729.00	86.90	17.00	MWD	1/2/2015	Native	9,995.66	4,723.46	1,565.60	4,973.90	3.77	-1.56	-3.44	5,188.02
14,760.00	87.20	17.60	MWD	1/2/2015	Native	9,997.25	4,753.02	100	5,004.85	2.16	0.97	1.94	5,218.98
14,792.00	87.30	17.60	MWD	1/2/2015	Native	9,998.79	4,783.48		5,036.81	0.31	0.31	0.00	5,250.94
14,823.00	89.40	18.30	MWD	1/2/2015	Native	9,999.68	4,812.96		5,067.79	7.14	6.77	2.26	5,281.93
14,855.00	89.90	18.60	MWD	1/2/2015	Native	9,999.88	4,843.3	and the same of th	5,099.77	1.82	1.56	0.94	5,313.93
14,886.00	89.70	19.30	MWD	1/2/2015	Native	9,999.99	4,872.63	and the second second	5,130.74	2.35	-0.65	2.26	5,344.93
14,917.00	89.40	19.50	MWD	1/2/2015	Native	10,000.23	4,901.87		5,161.71	1.16	-0.97	0.65	5,375.92
14,949.00	90.00			1/2/2015	Native	10,000.40	4,931.98	22	5,193.66	2.65	1.87	1.88	5,407.92
14,980.00	90.30	20.40	MWD	1/3/2015	Native	10,000.32	4,961.06		5,224.59	1.37	0.97	0.97	5,438.92
15,012.00	91.00	20.40	MWD	1/3/2015	Native	9,999.95	4,991.0		5,256.52	2.19	2.19	0.00	5,470.92
15,043.00	91.00	20.20	MWD	1/3/2015	Native	9,999.41	5,020.12	ALC: ALC: ALC: ALC: ALC: ALC: ALC: ALC:	5,287.45	0.65	0.00	-0.65	5,501.92
15,074.00	89.90	19.00	200000000000000000000000000000000000000	1/3/2015	Native	9,999.17	5,049.33	28	5,318.41	5.25	-3.55	-3.87	5,532.91
15,106.00	86.90	17.90	CONTROL OF THE PARTY OF THE PAR		Native	10,000.06	5,079.67	12	5,350.37	9.98	-9.38	-3.44	5,564.90
15,137.00	86.90	17.20	POSSORVERSON	1/3/2015	Native	10,001.74	5,109.18		5,381.32	2.25	0.00	-2.26	5,595.85
15,169.00	87.10	17.90	Assessment of the second	1/3/2015	Native	10,003.41	5,139.65		5,413.28	2.27	0.62	2.19	5,627.81
15,200.00	90.10	18.50	Pro-correct Calmandary	1/3/2015	Native	10,004.17	5,169.08 5,198.48		5,444.25	9.87 2.89	9.68 2.58	1.94 1.29	5,658.80 5,689.79
15,231.00	89.80	18.90 18.40	MWD	1/3/2015	Native	10,003.90	5,198.43		5,475.23 5,507.21	3.78	-3.44	-1.56	5,689.79
15,263.00 15,294.00	89.80	17.90		1/3/2015	Native	10,003.70	5,258.22		5,507.21	1.88	-3.44	-1.56	5,752.79
15,294.00	88.40	16.00	A Print Control	1/3/2015	Native	10,003.89	5,288.83	Name of the same	5,536.20	6.86	-3.44	-5.94	5,784.78
15,357.00	88.30	15.40	PHONORESCHIE	1/3/2015	Native	10,004.48	5,318.66	TO ANALYSIS - CONTROL	5,601.17	1.96	-0.32	-1.94	5,815.77
15,389.00	86.90	15.40		1/3/2015	Native	10,005.37	5,349.5		5,633.13	4.55	-0.32	-1.94	5,847.74
15,420.00	85.90	14.80	CONTRACTOR OF THE PROPERTY OF	1/3/2015	Native	10,000.71	5,379.4		5,664.06	3.29	-3.23	-0.65	5,878.68
15,452.00	87.40	15.50	SOMEON STORES	1/3/2015	Native	10,000.53	5,410.24	The state of the s	5,695.99	5.17	4.69	2.19	5,910.63
15,483.00	89.10	15.70		1/3/2015	Native	10,010.33	5,440.08		5,726.97	5.52	5.48	0.65	5,941.61
15,515.00	88.10	15.00	7-10-10-10-10-10-10-10-10-10-10-10-10-10-	1/3/2015	Native	10,012.26	5,470.93		5,758.95	3.81	-3.13	-2.19	5,973.60
15,546.00	86.60	14.50	W. 1. 100 C.	1/3/2015	Native	10,012.20	5,500.88		5,789.90	5.10	-4.84	-1.61	6,004.57
15,577.00	86.20	14.90		1/3/2015	Native	10,015.64	5,530.80		5,820.82	1.82	-1.29	1.29	6,035.50
15,609.00	86.90	14.40		1/4/2015	Native	10,017.56	5,561.71		5,852.75	2.69	2.19	-1.56	6,067.45
15,641.00	86.40	14.60		1/4/2015	Native	10,019.43	5,592.63		5,884.67	1.68	-1.56	0.62	6,099.39
										100-000/21		TOWANDO PO	
OFP Fner	av Compar												

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Directional Survey

Well Name: RW 44-25B

	Surface Legal Location	Field	Name	County		State	Well Configuration Type
CONTROL OF THE CONTROL AND	S25-T7S-R23E		WASH	UINTAH		UTAH	Horizontal
Unique Well ID				KB to CF (ft)	S	pud Date	Dry Hole TD Date
UT100124	5,549.3	5,549.30	30.00		30.00	11/18/2014 08:00	1/5/2015 09:30
Survey Data	12.						

Ourvey Dat													
MD (ft, KB)	Incl (°)	Azm (°)	Tool Type	Date	Survey Company	TVD (ft, KB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Traverse Distance (ft)
15,672.00	88.40	14.30	MWD	1/4/2015	Native	10,020.84	5,622.62	1,845.72	5,915.61	6.52	6.45	-0.97	6,130.36
15,703.00	89.30	15.00	MWD	1/4/2015	Native	10,021.46	5,652.61	1,853.56	5,946.59	3.68	2.90	2.26	6,161.35
15,735.00	91.00	15.40	MWD	1/4/2015	Native	10,021.38	5,683.49	1,861.95	5,978.58	5.46	5.31	1.25	6,193.35
15,766.00	91.20	15.70	MWD	1/4/2015	Native	10,020.78	5,713.35	1,870.26	6,009.57	1.16	0.65	0.97	6,224.34
15,798.00	91.30	15.70	MWD	1/4/2015	Native	10,020.08	5,744.15	1,878.92	6,041.56	0.31	0.31	0.00	6,256.34
15,829.00	91.30	15.80	MWD	1/4/2015	Native	10,019.38	5,773.97	1,887.33	6,072.54	0.32	0.00	0.32	6,287.33
15,861.00	91.40	14.90	MWD	1/4/2015	Native	10,018.63	5,804.82	1,895.80	6,104.53	2.83	0.31	-2.81	6,319.32
15,892.00	92.30	15.80	MWD	1/4/2015	Native	10,017.63	5,834.70	1,904.00	6,135.50	4.10	2.90	2.90	6,350.30
15,924.00	92.60	15.60	MWD	1/4/2015	Native	10,016.26	5,865.48	1,912.65	6,167.47	1.13	0.94	-0.63	6,382.27
15,955.00	92.00	14.80	MWD	1/4/2015	Native	10,015.01	5,895.37	1,920.77	6,198.44	3.22	-1.94	-2.58	6,413.25
15,986.00	92.50	14.90	MWD	1/5/2015	Native	10,013.80	5,925.31	1,928.71	6,229.40	1.64	1.61	0.32	6,444.22
16,018.00	93.50	15.40	MWD	1/5/2015	Native	10,012.12	5,956.16	1,937.06	6,261.34	3.49	3.13	1.56	6,476.18
16,049.00	92.90	15.70	MWD	1/5/2015	Native	10,010.39	5,985.97	1,945.36	6,292.29	2.16	-1.94	0.97	6,507.13
16,081.00	92.40	16.60	MWD	1/5/2015	Native	10,008.91	6,016.68	1,954.25	6,324.25	3.21	-1.56	2.81	6,539.10
16,100.00	91.50	15.70	MWD	1/5/2015	Native	10,008.27	6,034.92	1,959.53	6,343.24	6.70	-4.74	-4.74	6,558.08

QEP Energy Company

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	STATE OF UTAH		FORM 9				
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0823						
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME: RED WASH						
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: RW 44-25B						
2. NAME OF OPERATOR: QEP ENERGY COMPANY		9. API NUMBER: 43047517190000					
3. ADDRESS OF OPERATOR: 11002 East 17500 South,	Vernal, Ut, 84078 30	PHONE NUMBER: 3 595-5919 Ext	9. FIELD and POOL or WILDCAT: RED WASH				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0645 FSL 0813 FEL			COUNTY: UINTAH				
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 5 Township: 07.0S Range: 23.0E Merio	dian: S	STATE: UTAH				
11. CHEC	K APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
	ACIDIZE	ALTER CASING	CASING REPAIR				
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME				
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE				
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION				
7/22/2015	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK				
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION				
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON				
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL				
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION				
кероп расе.		SITA STATUS EXTENSION					
	WILDCAT WELL DETERMINATION	▼ OTHER	OTHER: Run tubing				
Please be advised	that QEP Energy Company that QEP Energy Company ell on July 22, 2015. Please at the time of initial comple	ran 2-3/8" tubing on the note, no tubing was ran	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 27, 2015				
NAME (PLEASE PRINT) Laura Abrams	PHONE NUM	BER TITLE Sr. Regualtory Affairs Analy	vet				
SIGNATURE	303 260-6745	DATE	/51				
N/A		7/23/2015					

RECEIVED: Jul. 23, 2015